

**TNF-R2/CD120b/TNFRSF1B (C-mFc), Human, Recombinant**

Cat. No. : PCK218

**General Information**

|                        |                                                                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>        | Tumor necrosis factor Receptor superfamily member 1B;TNFRSF1B;Tumor necrosis factor Receptor 2;TNF-R2;TNF-RII;Tumor necrosis factor Receptor type II;p75;p80 TNF-alphaReceptor;CD120b |
| <b>Species</b>         | Human                                                                                                                                                                                 |
| <b>Expression host</b> | Human Cells                                                                                                                                                                           |
| <b>Sequence</b>        | Pro24-Thr206                                                                                                                                                                          |
| <b>Accession</b>       | P20333                                                                                                                                                                                |
| <b>Mol mass</b>        | 46.5 kDa                                                                                                                                                                              |
| <b>Expiration date</b> | 12 months                                                                                                                                                                             |
| <b>Bio activity</b>    | Immobilized Recombinant Human TNF RII-mFc at 1 µg/mL (100 µL/well) can bind Recombinant Human TNF alpha-His. The ED50 of Recombinant Human TNF alpha-His is 1.97 ng/mL.               |

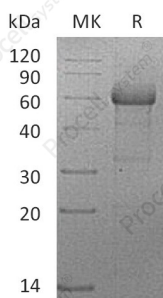
**Product feature**

|                          |                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>            | > 95% as determined by reducing SDS-PAGE.                                                                                                                                                                                                                                             |
| <b>Endotoxin (EU/µg)</b> | < 0.1                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>           | Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.                                                       |
| <b>Shipping</b>          | Ice bag                                                                                                                                                                                                                                                                               |
| <b>Formulation</b>       | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                                           |
| <b>Reconstitution</b>    | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

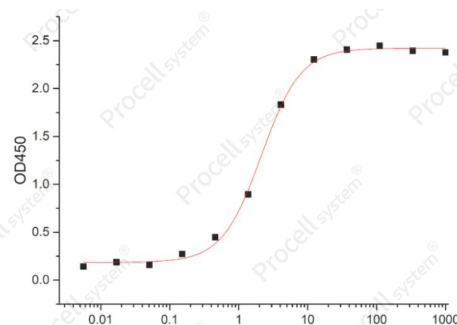
**Background**

Tumor necrosis factor Receptor superfamily member 1B (TNFRSF1B) is a member of the tumor necrosis factor Receptor superfamily. Human TNF RII contains four cysteine-rich repeats in its ECD, which shares 58% and 56% amino acid sequence identity with the mouse and rat orthologs, respectively. TNF RII is expressed predominantly on cells of the hematopoietic lineage, such as T and natural killer cells, as well as on endothelial cells, microglia, astrocytes, neurons, oligodendrocytes, cardiac myocytes, thymocytes, and mesenchymal stem cells. TNF RII binds to the membrane-bound forms of TNFα and Lymphotoxin/TNFβ; soluble TNF is thought to signal predominantly through TNF RI. Soluble TNF RII is believed to inhibit TNF biological activity by binding TNF thereby preventing it from activating membrane TNF Receptors.

## SDS-PAGE



## Bio activity



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