

# Recombinant Human LTBR/TNFRSF3 Protein (His Tag)



Catalog Number:PKSH032719

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

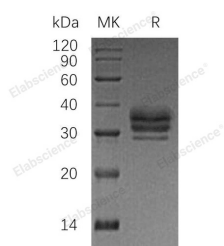
## Description

|                                    |  |
|------------------------------------|--|
| <b>Synonyms</b>                    | Tumor Necrosis Factor Receptor Superfamily Member 3;Lymphotoxin-Beta Receptor;Tumor Necrosis Factor C Receptor;Tumor Necrosis Factor Receptor 2-Related Protein;Tumor Necrosis Factor Receptor Type III;TNF-RIII;TNFR-III;LTBR;D12S370;TNFCR;TNFR3;TNFRSF3 |
| <b>Species</b>                     | Human  |
| <b>Expression Host</b>             | HEK293 Cells   |
| <b>Sequence</b>                    | Gln31-Met227   |
| <b>Accession</b>                   | P36941   |
| <b>Calculated Molecular Weight</b> | 22.8 kDa   |
| <b>Observed molecular weight</b>   | 29-40 kDa  |
| <b>Tag</b>                         | C-His  |

## Properties

|                       |  |
|-----------------------|--|
| <b>Purity</b>         | > 95 % as determined by reducing SDS-PAGE.   |
| <b>Endotoxin</b>      | < 1.0 EU per µg of the protein as determined by the LAL method.  |
| <b>Storage</b>        | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.                      |
| <b>Shipping</b>       | This product is provided as lyophilized powder which is shipped with ice packs.  |
| <b>Formulation</b>    | Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.<br>Please refer to the specific buffer information in the printed man |
| <b>Reconstitution</b> | Please refer to the printed manual for detailed information.   |

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Tumor necrosis factor receptor superfamily member 3; also known as Lymphotoxin-beta receptor;Tumor necrosis factor C receptor;Tumor necrosis factor receptor 2-related protein;Tumor necrosis factor receptor type III;LTBR;TNFCR; TNFR3 and TNFRSF3; is a member of the tumor necrosis factor (TNF) family of receptors. LTBR is a single-pass type I membrane protein and contains four TNFR-Cys repeats. It is expressed on the surface of most cell types; but not on T and B lymphocytes. LTBR and its ligand play a role in the development and organization of lymphoid tissue and transformed

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cells. Activation of LTBR can trigger apoptosis. In addition; LTBR can lead to the release of the cytokine interleukin 8.

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