

TNF- α /TNFA/TNFSF2, Rabbit, Recombinant

Cat. No. : PCK056

General Information

Synonyms	Tumor Necrosis Factor; Cachectin; TNF-Alpha; Tumor Necrosis Factor Ligand Superfamily Member 2; TNF-a; Tumor Necrosis Factor; Membrane Form; Tumor Necrosis Factor; Soluble Form; Tnf; Tnfa; Tnfsf2
Species	Rabbit
Expression host	E.coli
Sequence	Val78-Leu235
Accession	P04924
Mol mass	17.59 kDa
Expiration date	12 months
Bio activity	Measured in a cytotoxicity assay using L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is 3.5 pg/mL.

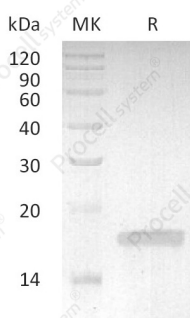
Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	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.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μ m filtered solution of 20 mM PB, 250 mM NaCl, pH 7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

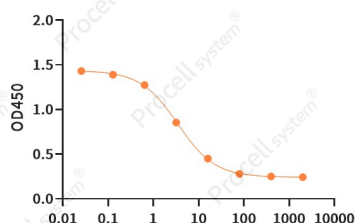
Background

Tumor necrosis factor alpha (TNF α) is the prototypic Ligand of the TNF superfamily. TNF α forms a homotrimer and functions by activating two types of Receptors TNF-R1 (TNF Receptor type 1, p55R) and TNF-R2 (TNF Receptor type 2, p75R). TNF α is a pleiotropic Cytokine that is capable to promote inflammation, to induce apoptotic cell death, and to inhibit tumorigenesis and viral replication. TNF α is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells and certain other target cells.

SDS-PAGE



Bio activity



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