

LTBR Protein, Human, Recombinant (His)

General Information

Synonyms:	TNFCR;Tumor Necrosis Factor Receptor Superfamily Member 3;Lymphotoxin- β Receptor; Lymphotoxin-Beta Receptor;Tumor Necrosis Factor C Receptor;Tumor Necrosis Factor Receptor Type III;LTBR;TNFR-III;TNF-RIII;D12S370;TNFR3;Tumor Necrosis Factor Receptor 2-Related Protein;T
Protein Construction:	Gln31-Met227
Species:	Human
Expression Host:	HEK293 Cells
Accession:	P36941
Molecular Weight:	29-40 KDa (reducing condition)
AA Sequence:	Gln31-Met227

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μ m filter, containing 20 mM PB, 150 mM NaCl, pH 7.4.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein 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,

A DRUG SCREENING EXPERT

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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