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Datasheet for ABIN1097113 LTBR Protein (AA 31-227) (His tag)

Overview

Quantity:	50 µg
Target:	LTBR
Protein Characteristics:	AA 31-227
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LTBR protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Lymphotoxin β R/LTBR/TNFRSF3/TNFRrpv (C-6His)
Sequence:	QAVPPYASEN QTCRDQEKEY YEPQHRICCS RCPPGTYVSA KCSRIRDTCV ATCAENSYNE HWNLYLTICQL CRPCDPVMGL EEIAPCTSKR KTQCRCQPGM FCAAWALECT HCELLSDCPP GTEAELKDEV GKGNNHCVPC KAGHFQNTSS PSARCQPHTR CENQGLVEAA PGTAQSDTTC KNPLEPLPPE MSGTMLMVDH HHHHH
Characteristics:	Recombinant Human Tumor Necrosis Factor Receptor Superfamily Member 3/TNFRSF3 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Q31-M227) of Human TNFRSF3 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	LTBR
Abstract:	LTBR Products
Sub Type:	Fusionprotein
Background:	<p>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 cells. Activation of LTBR can trigger apoptosis. In addition, LTBR can lead to the release of the cytokine interleukin 8.</p> <p>Alternative Names: 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, T</p>
Molecular Weight:	22.79 kDa
UniProt:	P36941
Pathways:	NF-kappaB Signaling

Application Details

Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

Handling

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 3 months