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Datasheet for ABIN1691786

LTBR Protein (AA 28-218) (Fc Tag)

Overview

Quantity:	50 µg
Target:	LTBR
Protein Characteristics:	AA 28-218
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LTBR protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse Lymphotoxin β Receptor/LTBR/TNFRSF3/TNFRp (C-Fc)
Sequence:	SQPQLVPPYR IENQTCWDQD KEYEPMHDV CCSRCPPGEF VFAVCSRSQD TVCKTCPHNS YNEHWNHLST CQLCRPCDIV LGFEEVAPCT SDRKAECRCQ PGMSCVYLDN ECVHCEEERL VLCQPGTEAE VTDEIMDTDV NCVPCPGHF QNTSSPRARC QPHTRCEIQG LVEAAPGTSY SDTICKNPPE PVDDIEGRMD EPKSCDKTHT CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVD VSHEDPEVKF NWYVDGVEVH NAKTKPREEQ YNSTYRVVSV LTVLHQDWLN GKEYKCKVSN KALPAPIEKT ISKAKGQPRE PQVYTLPPSR EEMTKNQVSL TCLVKGFYPS DIAVEWESNG QPENNYKTP PVLDSDGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNNH YTQKSLSLSP GK
Characteristics:	Recombinant Mouse Tumor necrosis factor receptor superfamily member 3/TNFRSF3 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Ser28-Pro218) of Mouse TNFRSF3 fused with a FC tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Product Details

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
Alternative Name:	TNFRSF3 (LTBR Products)
Sub Type:	Fusionprotein
Background:	<p>It is a single-pass type I membrane protein and contains 4 TNFR-Cys repeats. The protein is a member of the tumor necrosis factor (TNF) family of receptors. It is expressed on the surface of most cell types, including cells of epithelial and myeloid lineages, but not on T and B lymphocytes. The protein is the receptor for the heterotrimeric lymphotoxin containing LTA and LTB, and for TNFS14/LIGHT. It promotes apoptosis via TRAF3 and TRAF5 and may play a role in the development of lymphoid organs. The encoded protein and its ligand play a role in the development and organization of lymphoid tissue and transformed cells. Activation of the encoded protein can trigger apoptosis. Not only does the TNFRSF3 help trigger apoptosis, it can lead to the release of the cytokine interleukin 8. Overexpression of TNFRSF3 in HEK293 cells increases IL-8 promoter activity and leads to IL-8 release. TNFRSF3 is also essential for development and organization of the secondary lymphoid organs and chemokine release.</p> <p>Alternative Names: Tumor necrosis factor receptor superfamily member 3 , <i>Lymphotoxin-beta receptor</i> , <i>Ltbr</i>, <i>Tnfr</i>, <i>Tnfrsf3</i></p>
Molecular Weight:	48.7 kDa
UniProt:	P50284
Pathways:	NF-kappaB Signaling

Application Details

Restrictions:	For Research Use only
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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>

Handling

Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, 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. 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:	5 months