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## Datasheet for ABIN6253335 LTBR Protein (AA 31-225) (Fc Tag)



Overview

Quantity:	100 µg
Target:	LTBR
Protein Characteristics:	AA 31-225
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LTBR protein is labelled with Fc Tag.

## Product Details

Purpose:	LTbetaR (human):Fc (human) (rec.) (non-lytic)
Specificity:	The extracellular domain of human LTbetaR (aa 31-225) is fused to the N-terminus of the Fc region of a mutant human IgG1.
Characteristics:	Protein. The extracellular domain of human LTbetaR (aa 31-225) is fused to the N-terminus of the Fc region of a mutant human IgG1. Source: CHO cells. Endotoxin content: <0.06EU/µg protein (LAL test, Lonza). Lyophilized from 0.2µm-filtered solution in PBS. Purity: >98 % (SDS-PAGE). The LTbetaR activates two different NF-kappaB pathways that lead to distinct patterns of gene induction, including selected chemokines, and the cytokine BAFF, which is essential for the survival of mature B lymphocytes. LTbetaR activates the classical NF-kappaB (relA/p50) pathway, like the type 1 TNF receptor (TNFR1), that regulates proinflammatory genes, like the chemokine MIP1beta. However, LTbetaR, unlike TNFR1, also activates the processing of p100 to form RelB/p52 complexes, which activate genes involved in lymphoid organ formation and lymphocyte survival.

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## Product Details

Purity:	>98 % (SDS-PAGE)
Endotoxin Level:	<0.06EU/µg protein (LAL test, Lonza).
Biological Activity Comment:	Shows the biological function of the LTbetaR moiety and exerts a prolonged circulating half-life
	caused by the modified Fc domain.

## Target Details

Target:	LTBR
Alternative Name:	LTbetaR (LTBR Products)
Background:	Alternate Names/Synonyms: Lymphotoxin-beta Receptor, Tumor Necrosis Factor Receptor 2
	Related Protein, Tumor Necrosis Factor C Receptor, Tumor Necrosis Factor Receptor
	Superfamily Member 3, TNFRSF3
	Product Description: The LTbetaR activates two different NF-kappaB pathways that lead to
	distinct patterns of gene induction, including selected chemokines, and the cytokine BAFF,
	which is essential for the survival of mature B lymphocytes. LTbetaR activates the classical NF-
	kappaB (relA/p50) pathway, like the type 1 TNF receptor (TNFR1), that regulates
	proinflammatory genes, like the chemokine MIP1beta. However, LTbetaR, unlike TNFR1, also
	activates the processing of p100 to form RelB/p52 complexes, which activate genes involved in
	lymphoid organ formation and lymphocyte survival.
NCBI Accession:	NP_002333
Pathways:	NF-kappaB Signaling
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized from 0.2µm-filtered solution in PBS.
Handling Advice:	Avoid freeze/thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C

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Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.