

Active Recombinant Human LTBR protein, His-Avi-tagged, Biotinylated

Cat. No. LTBR-961HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human LTBR protein(P36941-1)(Gln 31 - Met 227) is expressed from HEK293 with His tag and Avi tag at the C-terminal.
Species	Human
Source	HEK293
ProteinLength	Gln 31 - Met 227
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human LTBR, His,Avitag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Human LIGHT, Fc Tag (active trimer) (MALS verified) with a linear range of 0.1-8 ng/mL.
Molecular Mass	The protein has a calculated MW of 25.3 kDa. The protein migrates as 34 kDa and 35-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE. >95% as determined by SEC-MALS.

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Storage	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.
Conjugation	Biotin
GENE INFORMATION	
Gene Name	LTBR lymphotoxin beta receptor (TNFR superfamily, member 3) [Homo sapiens]
Official Symbol	LTBR
Synonyms	LTBR; lymphotoxin beta receptor (TNFR superfamily, member 3); D12S370; tumor necrosis factor receptor superfamily member 3; TNF R III; TNFCR; TNFR RP; TNFR2 RP; TNFRSF3; TNF-RIII; TNFR-III; lymphotoxin B receptor; lymphotoxin-beta receptor; TNFR superfamily, member 3; tumor necrosis factor C receptor; tumor necrosis factor receptor type III; tumor necrosis factor receptor 2-related protein; tumor necrosis factor receptor superfamily, member 3; CD18; TNFR-RP; TNFR2-RP; LT-BETA-R; TNF-R-III;
Gene ID	4055
mRNA Refseq	NM_002342
Protein Refseq	NP_002333

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MIM	600979
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UniProt ID	P36941
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