

Recombinant Rat LTBR protein(Met1-Ala218), hFc-tagged

Cat. No. LTBR-1288R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat LTBR (Q5U2S8) (Met1-Ala218) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ala218
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Rat LTBR/Fc is a disulfide-linked homodimer. The reduced monomer comprises 432 amino acids and has a predicted molecular mass of 48.5 kDa. The apparent molecular mass of the protein is approximately 66 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Ltbr lymphotoxin beta receptor (TNFR superfamily, member 3) [Rattus norvegicus]
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Official Symbol	LTBR
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Synonyms

LTBR; lymphotoxin beta receptor (TNFR superfamily, member 3); tumor necrosis factor receptor superfamily member 3; lymphotoxin B receptor; MGC94657;

Gene ID	297604
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mRNA Refseq	NM_001008315
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Protein Refseq	NP_001008316
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