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**Product Data Sheet**


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Product Name: LTBR Human  
 Cat. No.: GP20727  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.

Synonyms  
 Lymphotoxin Beta Receptor (TNFR Superfamily; Member 3); TNFCR; Tumor Necrosis Factor Receptor 2-Related Protein; Tumor Necrosis Factor Receptor Type III; Tumor Necrosis Factor C Receptor; D12S370; TNFRSF3; TNFR3; Tumor Necrosis Factor Receptor Superfamily Member 3; Lymphotoxin-Beta Receptor; Lymphotoxin B Receptor; LT-BETA-R; TNF-R-III; TNFR2-RP; TNF-RIII; TNFR-III; TNFR-RP; CD18; LTBR.

Amino Acid Sequence  
 MGSSHHHHHH SGLVPRGSH MGSMSQPQAV PPYASENQTC RDQEKEYYEP  
 QHRICCSRCP PGTYVSAKCS RIRDTCATC AENSYNEHWN YLTICQLCRP  
 CDPVMGLEEI APCTSKRKTQ CRCQPGMFCA AWALECTHCE LLSDCPPGTE  
 AELKDEVGKG NNHCVPCKAG HFQNTSSPSA RCQPHTRCEN QGLVEAAPGT  
 AQSDTTCKNP LEPLPEMSG TMLM

Formulation  
 LTBR protein solution (0.5mg/ml) containing PBS buffer(pH7.4) 10% glycerol and 1mM DTT.

**Introduction**

Lymphotoxin Beta Receptor, also known as LTBR takes part in signaling during the development of lymphoid and other organs, lipid metabolism, immune response, and programmed cell death. In addition, the activity of this receptor has been associated to carcinogenesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for LTBR.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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### Background

LTBR Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 224 amino acids (28-227 a.a) and having a molecular mass of 24.6kDa.LTBR is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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