

Recombinant Rat LTBR / TNFRSF3 Protein (Fc tag)

Cat.NO.: TP07330

3th Edition

Synonyms:LTBR

Description:LTBR (lymphotoxin beta receptor (TNFR superfamily, member 3)) is a member of the tumor necrosis factor (TNF) family of receptors. Tumor necrosis factor receptor is a trimeric cytokine receptor that binds tumor necrosis factors. The receptor cooperates with an adaptor protein (such as TRADD, TRAF, RIP), which is important in determining the outcome of the response. LTBR is expressed on the surface of most cell types, including cells of epithelial and myeloid lineages, but not on T and B lymphocytes. LTBR specifically binds the lymphotoxin membrane form (a complex of lymphotoxin-alpha and lymphotoxin-beta). LTBR and its ligand play a role in the development and organization of lymphoid tissue and transformed cells. Activation of this protein can trigger apoptosis. Not only does the LTBR help trigger apoptosis, it can lead to the release of the cytokine interleukin 8. Overexpression of LTBR in HEK293 cells increases IL-8 promoter activity and leads to IL-8 release. It is also essential for development and organization of the secondary lymphoid organs and chemokine release.

Form:PBS

Molecular Weight:48.5 kDa

Sequences:Met1-Ala218

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.