

32-9724: Recombinant Mouse Lymphotoxin beta Receptor/LTBR/TNFRSF3/TNFRrp (C-mFc)

Alternative Name : Tumor necrosis factor receptor superfamily member 3,Lymphotoxin-beta receptor,Ltbr,Tnfr, Tnfrsf3

Description

Source : Human Cells;

It is a single-pass type I membrane protein and contains 4 TNFR-Cys repeats. The protein is a member of the tumor necrosis factor (TNF) family of receptors. It is expressed on the surface of most cell types, including cells of epithelial and myeloid lineages, but not on T and B lymphocytes. The protein is the receptor for the heterotrimeric lymphotoxin containing LTA and LTβ, and for TNFS14/LIGHT. It promotes apoptosis via TRAF3 and TRAF5 and may play a role in the development of lymphoid organs. The encoded protein and its ligand play a role in the development and organization of lymphoid tissue and transformed cells. Activation of the encoded protein can trigger apoptosis. Not only does the TNFRSF3 help trigger apoptosis, it can lead to the release of the cytokine interleukin 8. Overexpression of TNFRSF3 in Human Cells cells increases IL-8 promoter activity and leads to IL-8 release. TNFRSF3 is also essential for development and organization of the secondary lymphoid organs and chemokine release.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.

Amino Acid : Recombinant Mouse Lymphotoxin beta Receptor is produced by our Mammalian expression system and the target gene encoding Ser28-Pro218 is expressed with a Fc tag at the C-terminus.

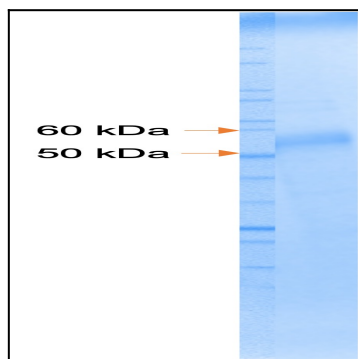


Figure 1: Coomassie Gel: 5µg of recombinant protein loaded under reducing condition.

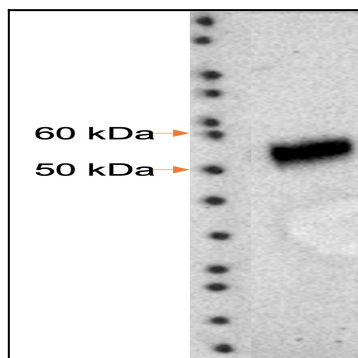


Figure 2: Western Blot: 5 µg of recombinant protein was transfer. HRP conjugated goat Anti-Mouse secondary antibody was used.