

32-20499: Recombinant Murine LIGHT(Discontinued)

Reactivity : Human, Mouse
Alternative Name : TNFSF14, HVEM-L

Description

Source: E.coli LIGHT belongs to the TNF family of ligands, and can signal through the herpes virus entry mediator type A receptor (HVEM, TNFRSF14), LTBeta R, or bind to a decoy receptor, DcR3. It is expressed in splenocytes, activated PBL, CD8+ tumor infiltrating lymphocytes, granulocytes, and monocytes. LIGHT has the ability to activate NF- κ B, to co-stimulate the activation of lymphocytes and to induce apoptosis in certain human tumor cells. Recombinant Murine LIGHT is a 20.1 kDa protein containing 183 amino acid residues, comprising the TNF-homologous region of the LIGHT extracellular domain.

Product Info

Amount : 5 μ g / 20 μ g
Purification : Purity: \geq 98% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : MRLHQRLGDI VAHLPDGGKG SWEKLIQDQR SHQANPAAHL TGANASLIGI GGPLLWETRL GLAFLRGLTY
HDGALVTMEP GYYYVYSKVQ LSGVGCPQGL ANGLPITHGL YKRTSRYPKE LELLVSRRSP CGRANSSRVW
WDSSFLGGVV HLEAGEEVVV RVPGNRLVRP RDGTRSYFGA FMV

Application Note

Determined by its cytotoxic effect on HT-29 cells (human colon adenocarcinoma cells) in the presence of human IFN-Gamma.