

## 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- $\kappa$ 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  $\mu$ g / 20  $\mu$ 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 LELLVSRSP CGRANSSRVW  
WDSSFLGGVV HLEAGEEYVW 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.