LIGHT, Murine Recombinant

CATALOG NO: P1292-5, 20  5 µg, 20 µg

ALTERNATE NAMES: TNFSF14, HVEM-L, Tumor necrosis factor ligand superfamly member 14, Herpes virus entry mediator ligand, Herpesvirus entry mediator ligand, CD258, LIGHT

SOURCE: E.coli

PURITY: ≥ 98% by SDS-PAGE analyses

MOL. WEIGHT: 20.1 kDa

FORM: Lyophilized

STORAGE CONDITIONS: Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

RECONSTITUTION: Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

DESCRIPTION: LIGHT belongs to the TNF family of ligands, and can signal through the herpes virus entry mediator type A receptor (HVEM, TNFRSF14), LTβR, or bind to a decoy receptor, DcR3. It is expressed in splenocytes, activated PBL, CD+8 tumor infiltrating lymphocytes, granulocytes, and monocytes. LIGHT has the ability to active NFκB, 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.

RELATED PRODUCTS:
- Human CellExp™ HVEM/TNFRSF14, human recombinant (Cat. No. 7466)
- Human CellExp™ CD30/TNFRSF8, human recombinant (Cat. No. 7389)
- Human CellExp™ TNFRSF4/OX40/CD134, human recombinant (Cat. No. 7438)
- LIGHT, Human Recombinant (Cat. No. P1291)
- TNFRSF6B, human recombinant (Cat. No. 7329)
- TNFRSF14/CD258 (Human) ELISA Kit (Cat. No. k4236)

FOR RESEARCH USE ONLY! Not to be used on humans.