32-8750: Recombinant Human LIGHT/HVEM-L/TNFSF14/CD258 (N-6His)

Gene :   TNFSF14
Gene ID :   8740
Uniprot ID : O43557

Description

Source: Human Cells.
MW :18.2kD.
Recombinant Human LIGHT is produced by our Mammalian expression system and the target gene encoding Leu83-Val240 is expressed with a 6His tag at the N-terminus. Human TNFSF14 Protein, also known as LIGHT, belongs to a member of the tumor necrosis factor (TNF) ligand family. It can bind to NFRSF3/LTBR. It is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and it is also known as a herpesvirus entry mediator ligand (HVEML). TNFSF14 encodes a protein with a 37 aa cytoplasmic domain, 21aa transmembrane domain and 182 aa extracellular region. The gene is predominantly expressed in the spleen and also found in the brain. Weakly expressed in peripheral lymphoid tissues and in heart, placenta, liver, lung, appendix, and kidney, and no expression seen in fetal tissues, endocrine glands, or nonhematopoietic tumor lines. TNFSF14 protein was found to probably function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. Studies have shown that this protein can prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	HHHHHHGLIQERRSHEVNPAAHLTGANSSLTGSGGPLLWETQLGLAFLRGLSYHDGALVVTKAGYYYIYSKVQ LGGVGCPLGLASTITHGLYKRTPRYPEELELLVSQQSPCGRATSSSRVWWDSSFLGGVVHLEAGEEVVVRVLD ERLVRLRDGTRSYFGAFMV

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.