

ARG70393 Human CD258 / LIGHT recombinant protein (Active) (His-tagged, C-ter)

Package: 100 µg, 20 µg
Store at: -20°C

Summary

Product Description	E. coli expressed, His-tagged (C-ter) Active Human CD258 / LIGHT recombinant protein
Tested Application	SDS-PAGE
Target Name	CD258 / LIGHT
Species	Human
A.A. Sequence	Arg64 - Val240
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to induce cytotoxicity in HT-29 cells in the presence of IFN-gamma. The ED50 for this effect is < 10 ng/mL.
Alternate Names	TNFSF14; TNF Superfamily Member 14; LIGHT; HVEM-L; CD258; LTg; Tumor Necrosis Factor (Ligand) Superfamily, Member 14; Tumor Necrosis Factor Ligand Superfamily Member 14; Herpesvirus Entry Mediator Ligand; HVEML; Tumor Necrosis Factor Superfamily Member 14; Herpes Virus Entry Mediator Ligand; Tumor Necrosis Factor Ligand 1D; CD258 Antigen

Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Buffer	PBS containing 0.1% sarkosyl (pH 8.0)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

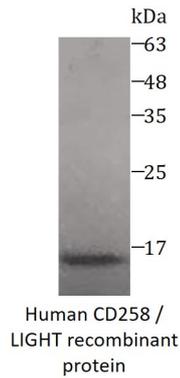
Bioinformation

Gene Symbol	TNFSF14
Gene Full Name	TNF Superfamily Member 14
Background	The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various

tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported.

Function	Cytokine that binds to TNFRSF3/LTBR. Binding to the decoy receptor TNFRSF6B modulates its effects. Acts as a ligand for TNFRSF14/HVEM.
PTM	N-glycosylated.
Cellular Localization	Cell membrane, Cytoplasm, Membrane, Secreted

Images



ARG70393 Human CD258 / LIGHT recombinant protein (Active) (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70393 Human CD258 / LIGHT recombinant protein (Active) (His-tagged, C-ter)