

RP01114

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Recombinant Human LIGHT Protein

Catalog No.: RP01114

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	8740	O43557

Tags

N-6×His

Synonyms

TNFSF14;CD258;HVEM;LIGHT;LTg

Background

This protein 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.

Basic Information

Description

Recombinant Human LIGHT Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Leu83-Val240(Lys214Glu)) of human LIGHT (Accession #O43557) fused with a 6×His tag at the N-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Product Information

Source	Purification
Mammalian	> 95% by SDS-PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

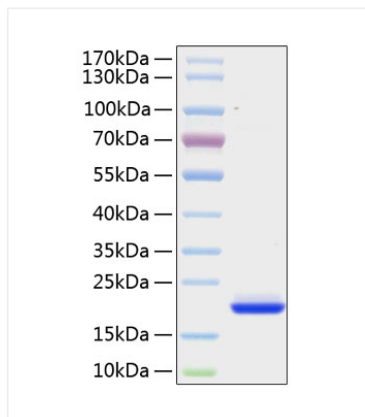
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Contact



www.abclonal.com

Validation Data



Recombinant Human LIGHT Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 24 kDa.