

Active Recombinant Human TNFSF8 Protein (Gln63-Asp234), C-His tagged, Animal-free, Carrier-free

Cat. No. TNFSF8-322H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Human TNFSF8 Protein (Gln63-Asp234) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.

Species

Human

Source

E.coli

ProteinLength

Gln63-Asp234

Description

Human CD30L is also named for CD153 and TNFSF8 which is one member of TNF family. Human CD30L is expressed on T cells. It binds the CD30, which is on some lymphoma cell lines. Human CD30L is a 30 kDa cytokine with 171 amino acid residues which is a transmembrane glycoprotein. Human CD30L plays an important role in the regulation of cell proliferation, activation and apoptosis. Human CD30L is a good target of cell therapy in inflammatory diseases.

Form

Lyophilized

Bio-activity

Measure by its ability to induce IL-8 secretion in human PBMCs using a concentration range of 10 - 100 ng/mL. Note: Results may vary from different PBMC donors.

Molecular Mass

The protein has a calculated MW of 20.57 kDa.
The protein migrates as 18 kDa under reducing condition (SDS-PAGE analysis).

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Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	TNFSF8 tumor necrosis factor (ligand) superfamily, member 8 [Homo sapiens (human)]
Official Symbol	TNFSF8
Synonyms	TNFSF8; tumor necrosis factor (ligand) superfamily, member 8; CD30LG; tumor necrosis factor ligand superfamily member 8; CD153; CD30-L; CD30 ligand; CD153 antigen; CD30 antigen ligand; CD30L; MGC138144;
Gene ID	944

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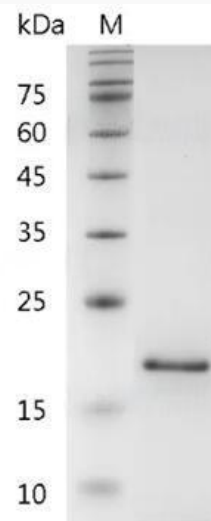
mRNA Refseq [NM_001244](#)

Protein Refseq [NP_001235](#)

MIM [603875](#)

UniProt ID [P32971](#)

**SDS-PAGE analysis
of recombinant
human CD30L.**



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