

Recombinant Human CD40LG(Met113-Leu261) Protein, N-mFc-tagged

Cat. No. CD40LG-278H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD40LG(P29965)(Met113-Leu261) Protein, fused with a mFc tag at the N-terminus, was produced in HEK293.
Species	Human
Source	HEK293
ProteinLength	113-261 a.a.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Molecular Mass	The recombinant Human CD40LG Protein has a predicted molecular mass of 42.7kDa, it migrates with an apparent molecular mass of 50kDa under reducing conditions.
AA Sequence	Met113-Leu261
Endotoxin	< 0.01 EU per µg of the protein as determined by the LAL method.
Purity	Greater than 90% as determined by reducing SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.
Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name CD40LG CD40 ligand [Homo sapiens]

Official Symbol CD40LG

Synonyms CD40LG; CD40 ligand; HIGM1, IMD3, TNFSF5, tumor necrosis factor (ligand) superfamily, member 5 (hyper IgM syndrome); CD40 antigen ligand; CD40L; CD154; gp39; hCD40L; hyper IgM syndrome; T B cell activating molecule; TNF related activation protein; TRAP; tumor necrosis factor (ligand) superfamily member 5; CD40-L; T-cell antigen Gp39; T-B cell-activating molecule; TNF-related activation protein; IGM; IMD3; HIGM1; T-BAM; TNFSF5;

Gene ID 959

mRNA Refseq NM_000074

Protein Refseq NP_000065

MIM 300386

UniProt ID P29965

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