

Recombinant Human CD40LG(Glu108-Leu261) Protein, N-6*His-Avi-tagged, Biotinylated

Cat. No. CD40LG-281H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD40LG(P29965)(Glu108-Leu261) Protein, fused with a 6*His, Avi tag at the N-terminus, was produced in HEK293. The purified protein was biotinylated in vitro.
Species	Human
Source	HEK293
ProteinLength	108-261 a.a.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, 1mM EDTA, pH 7.4.
Molecular Mass	The recombinant Human CD40LG Protein has a predicted molecular mass of 20.9kDa, it migrates with an apparent molecular mass of 23-28kDa under reducing conditions.
AA Sequence	Glu108-Leu261
Endotoxin	< 0.01 EU per µg of the protein as determined by the LAL method.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Characteristic	The biotin to protein ratio is 0.5-1 as determined by the HABA assay.

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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.
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.
Conjugation	Biotin

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

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Protein Refseq	NP_000065
MIM	300386
UniProt ID	P29965

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