

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

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

SPECIFICATION

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| 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

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|------------------------|--|
| 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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