

Active Recombinant Human CD40LG protein, His-tagged

Cat. No. CD40LG-458H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD40LG protein(P29965)(Gly116-Leu261), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly116-Leu261
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	When Recombinant Human CD40L/Trimer His Protein is immobilized at 1µg/mL (100 µ/well), the concentration of CD40 (human):Fc (human) (rec.) that produces 50% of the optimal binding response is approximately 1.3ug/ml.
Molecular Mass	The protein has a calculated MW of 50kDa.The reducing (R) heterodimer protein migrates as 50-70 kDa due to glycosylation
Endotoxin	<1EU/mg
Purity	SDS-PAGE>90%SEC>90%
Storage	Store at -20°C.
Reconstitution	sterile H63O

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GENE INFORMATION

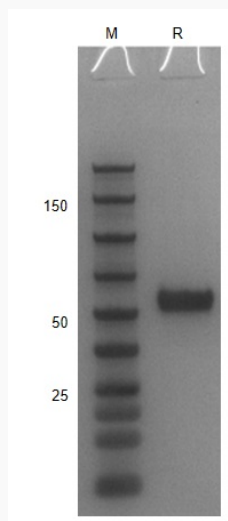
Gene Name	CD40LG CD40 ligand [Homo sapiens]
Official Symbol	CD40LG
Synonyms	CD40LG; CD40 ligand; HIGM1, IMD3, TNFSF5, tumor necrosis factor (ligand) superfamily, member 5 (hyper IgM syndrome); CD40 antigen ligand; CD40L; CD154; gp39; hCD40L; hyper IgM syndrome; T B cell activating molecule; TNF related 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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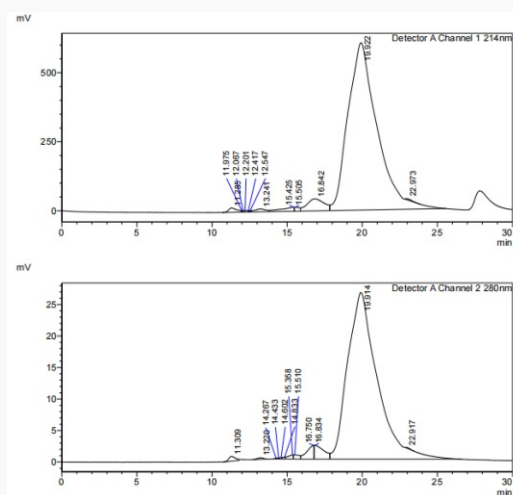
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SDS-PAGE



SDS-HPLC

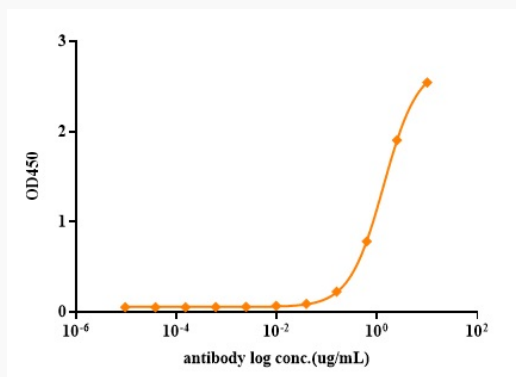


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ELISA



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