Recombinant Human CD40L Protein, His/Flag-tagged

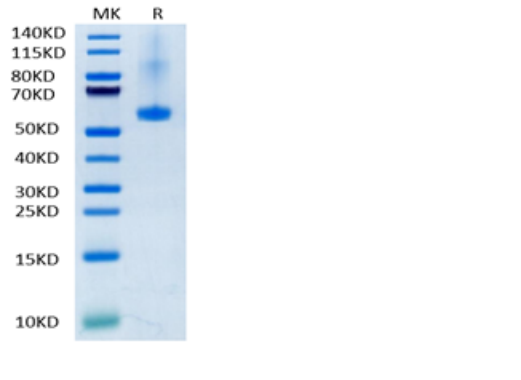
Cat. No. CD40L-102H **Lot. No.** (See product label)

SPECIFICATION

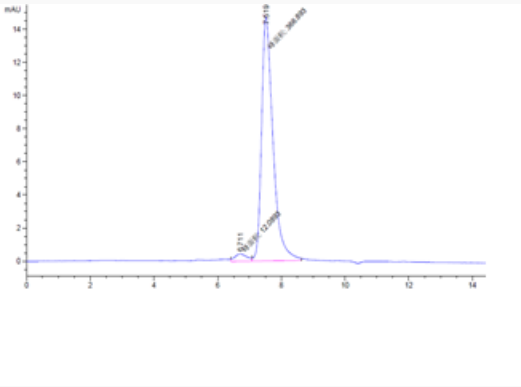
Product Overview	Human CD40L/CD154 is expressed from mammalian with a His tag and Flag at the N-terminal. It contains M113-L261 Trimer design.
Species	Human
Source	HEK293
ProteinLength	M113-L261
Description	CD40 ligand or CD40L, also called CD154, is a protein that is primarily expressed on activated T cells and is a member of the TNF superfamily of molecules. It binds to CD40 (protein) on antigen-presenting cells (APC), which leads to many effects depending on the target cell type. In total CD40L has three binding partners: CD40, α5β1 integrin and αIIbβ3. CD154 acts as a costimulatory molecule and is particularly important on a subset of T cells called T follicular helper cells.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Endotoxin	Less than 0.05 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE. > 95% as determined by HPLC.
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

GENE INFORMATION

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Gene Name	CD40LG CD40 ligand [Homo sapiens (human)]
Official Symbol	CD40LG
Synonyms	IGM; IMD3; TRAP; gp39; CD154; CD40L; HIGM1; T-BAM; TNFSF5; hCD40L
Gene ID	959
mRNA Refseq	NM_000074.3
Protein Refseq	NP_000065.1
MIM	300386
UniProt ID	P29965
Tris-Bis PAGE of CD40L-102H	

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SEC-HPLC of CD40L-102H	

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