

soluble CD40 Ligand/TRAP Recombinant Protein | sCD40L recombinant protein

Recombinant Human soluble CD40 Ligand/TRAP His Tag

CATALOG # AAA38674	HOST Escherichia Coli
------------------------------	---------------------------------

PRODUCT SYNONYMS

soluble CD40 Ligand/TRAP; Recombinant Human soluble CD40 Ligand/TRAP His Tag; sCD40L Human; His; soluble CD40 Ligand/TRAP Human Recombinant; His Tag; CD40-L; Tumor necrosis factor ligand superfamily member 5; TNF-related activation protein; TRAP; T cell antigen Gp39; CD154 antigen; sCD40; IGM; IMD3; HIGM1; T-BAM; TNFSF5; hCD40L; CD40LG; sCD40L His; sCD40L recombinant protein

PRODUCT SPECIFICATIONS

Host	Escherichia Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The CD40LG solution (0.5mg/ml) 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 40% glycerol and 0.2M NaCl.
Sequence	MGSSHHH HHHSSGLVPR GSHMQK GDQNPQIAAH VISEASSKTT SVLQWAEKGY YTMSNNLVTL ENGKQLTVKR QGLYYIYAQV TFCNSREASS QAPFIASLCL KSPGRFERIL LRAANTHSSA KPCGQQSIHL GGVFELQPGA SVFVNVTDPs QVSHGTGFTS FGLLKL
Sequence Length	261
Physical Appearance	Sterile Filtered colorless solution.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store,frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for sCD40L recombinant protein	Description: CD40LG Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E Coli is a single, non-glycosylated, polypeptide chain containing 169 amino acids (113-261 a.a.) and having a molecular mass of 18.3kDa. The CD40LG is purified by proprietary chromatographic techniques. Introduction: CD40L or CD154 is a membrane glycoprotein and differentiation antigen expressed on the surface of T-cells. The CD40 ligand stimulates B-cell proliferation and secretion of all immunoglobulin isotypes in the presence of cytokines. CD40 ligand has been shown to induce cytokine production and tumoricidal activity in peripheral blood monocytes. It also costimulates proliferation of activated T-cells and this is accompanied by the production of IFN-gamma, TNF-alpha, and IL2.
Product Categories/Family for sCD40L recombinant protein	Cytokines and Growth Factors ; CD Antigens

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557433
NCBI GeneID	959
NCBI Accession #	NP_000065.1
NCBI GenBank Nucleotide #	NM_000074.2

UniProt Accession #	P29965
NCBI Official Full Name	CD40 ligand
NCBI Official Synonym Full Names	CD40 ligand
NCBI Official Symbol	CD40LG
NCBI Official Synonym Symbols	IGM; IMD3; TRAP; gp39; CD154; CD40L; HIGM1; T-BAM; TNFSF5; hCD40L
NCBI Protein Information	CD40 ligand; CD40 antigen ligand; CD40-L; T-B cell-activating molecule; T-cell antigen Gp39; TNF-related activation protein; tumor necrosis factor (ligand) superfamily member 5
UniProt Protein Name	CD40 ligand
UniProt Gene Name	CD40LG
UniProt Synonym Gene Names	CD40L; TNFSF5; TRAP; CD40-L; TRAP
UniProt Entry Name	CD40L_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cd40lg-recombinant-protein-escherichia-coli/38674>