

CD40 ligand (CD40LG) Recombinant Protein | CD40LG recombinant protein

Recombinant Macaca mulatta CD40 ligand (CD40LG), partial

CATALOG # AAA117663	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

CD40 ligand (CD40LG); Recombinant Macaca mulatta CD40 ligand (CD40LG); partial; CD40 ligand; CD40-L; Tumor necrosis factor ligand superfamily member 5; CD_antigen=; CD154Cleaved into the following 2 chains:: 1. CD40 ligand; membrane form; 2. CD40 ligand; soluble form; CD40LG recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	44-261aa; Extracellular Domain
Sequence	VYLHRRLDKI EDERNLHEDF VFMKTIQRCN TGERSLSLN CEEIKSQFEG FVKDIMLNKE EKKKENSFEM QKGDQNPQIA AHVISEASSK TTSVLQWAEK GYYTMSNNLV TLENGQLTV KRQGLYYIYA QVTFCSNREA SSQAPFIASL CLKSPGRFER ILLRAANTHS SAKPCGQSI HLGGVFELQP GASVFNVTD PSQVSHGTGF TSFGLLKL
Species	Macaca mulatta (Rhesus macaque)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for CD40LG recombinant protein	Cytokine that binds to CD40/TNFRSF5. Costimulates T-cell proliferation and cytokine production. Its cross-linking on T-cells generates a costimulatory signal which enhances the production of IL4 and IL10 in conjunction with the TCR/CD3 ligation and CD28 costimulation. Induces the activation of NF-kappa-B and kinases MAPK8 and PAK2 in T-cells. Mediates B-cell proliferation in the absence of co-stimulus as well as IgE production in the presence of IL4. Involved in immunoglobulin class switching.
Product Categories/Family for CD40LG recombinant protein	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	74136239
NCBI GeneID	574160
NCBI Accession #	NP_001028011.1
NCBI GenBank Nucleotide #	NM_001032839.1

UniProt Accession #	P63304; Q9BDC7
Molecular Weight	28.5 kDa
NCBI Official Full Name	CD40 ligand
NCBI Official Symbol	CD40LG
NCBI Protein Information	CD40 ligand; CD40-L; CD154 protein; tumor necrosis factor ligand superfamily member 5; CD40 ligand (TNF superfamily, member 5, hyper-IgM syndrome)
UniProt Protein Name	CD40 ligand
UniProt Gene Name	CD40LG
UniProt Synonym Gene Names	CD40L; TNFSF5; CD40-L
UniProt Entry Name	CD40L_MACMU

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.

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Online datasheet: <https://stage.aaabiotech.com/cd40lg-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117663>