

CD40LG

Recombinant Human CD40 Ligand

Catalog No.	CRC800A CRC800B CRC800C	Quantity:	10 µg 50 µg 1.0 mg
Alternate Names:	Tumor Necrosis Factor Suerfamily Member 5, CD154, CD40L, TRAP, HIGM1, IGM, IMD3, LY-62, T-BAM, TNFSF5		
GeneID:	959		
Protein Accession No:	NP_000065		
Description:	Recombinant human CD40 Ligand is a non-glycosylated polypeptide chain containing 149 amino acids.		
Source:	<i>E. coli</i>		
Molecular Weight:	16.3 kDa		
Formulation:	Lyophilized from a sterile filtered solution in PBS, pH 7.0		
Purity:	>95.0% by HPLC and SDS-PAGE		
Endotoxin Level:	<0.1 ng/µg of recombinant CD40LG		
Biological Activity:	Determined by the dose-dependant stimulation of IL12 induction and IL8 production by human PBMC. The ED ₅₀ is <10 ng/mL.		
Specific Activity:	1 x 10 ⁶ IU/mg		
Amino Acid Sequence:	MQKGDQNPQIAAHVISEASSKTTSVLQWAEKGYTMSNNL VTLENGKQLT VKRQGLYYIY AQVTFCSNRE ASSQAPFIAS LWLKSPGRFE RILLRAANTH SSAKPCGQQS IHLGGVFELQ PGASVFNVT DPSQVSHGTG FTSFGLLKL		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered solutions.		
Storage & Stability:	Stable at 2-8°C, but best kept desiccated -20°C. Upon reconstitution, stable for up to 1 week at 2-8°C. For longer term, store in working aliquots below -20°C. Avoid repeated freeze/thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com