

CD40LG Recombinant Mouse CD40 Ligand

Catalog No.	CRC803A CRC803B CRC803C	Quantity:	5 µg 25 µg 1.0 mg
Alternate Names:	Tumor Necrosis Factor Suerfamily Member 5, CD154, CD40L, TRAP, HIGM1, IGM, IMD3, LY-62, T-BAM, TNFSF5		
GeneID:	21947		
Protein Accession No:	NP_035746		
Description:	Recombinant mouse CD40 Ligand is a non-glycosylated polypeptide chain containing 149 amino acids.		
Source:	<i>E. coli</i>		
Molecular Weight:	16.4 kDa		
Formulation:	Lyophilized from a sterile filtered solution containing 10 mM sodium phosphate, pH 7.5		
Purity:	> 98.0% as determined by RP-HPLC and SDS-PAGE analyses		
Endotoxin Level:	< 0.1 ng/µg of CD40LG		
Biological Activity:	Determined by its ability to induce MIP-1 alpha and TNF-alpha from mouse splenocytes. The ED ₅₀ is 0.1 µg/ml.		
Amino Acid Sequence:	The sequence of the first five N-terminal amino acids is Met-Gln-Arg-Gly-Asp.		
Reconstitution:	Centrifuge vial prior to opening. First add sterile water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

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



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