9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CD300A Human

CD300A Human Recombinant
CDA0052

Product Overview

Name	CD300A Human
Description	
CD300A Human Recombinant	
Accession (Primary)	Q9UGN4
Synonyms	
CD300a Molecule, CD300a Antigen, IRp60, CD300 Antigen-Like Family Member A, NK Inhibitory Receptor, Immunoglobulin Superfamily Member 12, CMRF35-Like Molecule 8, CMRF35-H, Inhibitory Receptor Protein 60, CMRF-35-H9, CMRF-35H, CLM-8, IRC1, IRC2, CMRF35H Leukocyte Immunoglobulin-Like Receptor, Leukocyte Membrane Antigen, IgSF12.	
Introduction	
CD300A belongs to the CD300 family and contains 1 Ig-like V-type (immunoglobulin-like) domain. The protein is expressed not only by natural killer (NK) cells but also by T-cell subsets, B-cells, dendritic cells, mast cells, granulocytes and monocytes. CD300A is inhibitory receptor which may contribute to the down-regulation of cytolytic activity in natural killer (NK) cells, and to the down-regulation of mast cell degranulation.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The CD300A solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS LSKCRTV AGPVGGSLSV QCPYEKEHRT LNKYWCRPPQ IFLCDKIVET KGSAGKRNGR VSIRDSPANL SFTVTLENLT EEDAGTYWCG VDTPWLRDFH DPVVEVEVSV FPAS	

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Precautions

CD300A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UGN4)