

32-3487: CD300A Recombinant Protein

Alternative Name : 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, CMRF3

Description

Source : Escherichia Coli. CD300A Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 134 amino acids (18-128) and having a molecular mass of 14.7kDa. CD300A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 10 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The CD300A solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSLSKCRTV AGPVGGSLSV QCPYEKEHRT LNKYWCRPPQ
IFLCDKIVET KGSAGKRNGR VSIRDSPANL SFTVTLENLT EEDAGTYWCG VDTPWLRDFH
DPVVEVEVSV FPAS

