
Product Data Sheet

Product Name: CD300A Human
 Cat. No.: GP23095
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSLSKCRTV AGPVGGSLSV QCPYEKEHRT LNKYWCRPPQ IFLCDKIVET KGSAGKRNGR VSIRDSPANL SFTVTLENLT EEDAGTYWCG VDTPWLRDFH DPVVEVEVSV FPAS		
Formulation	The CD300A solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.		

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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