

CD300A, human recombinant protein

CD300a molecule, CLM-8, CMRF-35-H9, CMRF-35H, CMRF35-H, CMRF35-H9, CMRF35H, CMRF35H9, IGSF12, IRC1, Catalog # PBV10965r

Specification**CD300A, human recombinant protein - Product info**

Primary Accession	O9UGN4
Concentration	0.5
Calculated MW	14.7 kDa (134 aa, 18-128 aa + His Tag), confirmed by MALDI-TOF. KDa

CD300A, human recombinant protein - Additional Info

Gene ID	11314
Gene Symbol	CD300a
Other Names	
CD300a molecule, CLM-8, CMRF-35-H9, CMRF-35H, CMRF35-H, CMRF35-H9, CMRF35H, CMRF35H9, IGSF12, IRC1, IRC1/IRC2, IRC2, IRp60	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSLSKCRTV AGPVGGSLSV QCPYEKEHRT LNKYWCRPPQ IFLCDKIVET KGSAGKRNGR VSIRDSPANL SFTVTLENLT EEDAGTYWCG VDTPWLRDFH DPVVEVEVSF FPAS

Target/Specificity

CD300a

Format

Liquid

Storage

-80°C; 0.5 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.15 M NaCl, 10% glycerol and 1 mM DTT.

CD300A, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD300A, human recombinant protein - Images**CD300A, human recombinant protein - Background**

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. Recombinant human CD300A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

CD300A, human recombinant protein - References

Cantoni C., et al. Eur. J. Immunol. 29:3148-3159(1999).
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Green B.J., et al. Int. Immunol. 10:891-899(1998).
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Zhang Q.H., et al. Submitted (MAY-1999) to the EMBL/GenBank/DDBJ databases.