

Product datasheet for **TP727958**

CD300 antigen (CD300A) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Leukocyte Mono Ig-Like Receptor 1/LMIR1/CD300a (C-Fc-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Leu18-Gln178
Tag:	C-Fc&His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, 5% Trehalose, pH 8.0.
Note:	Recombinant Human Leukocyte mono-Ig-like receptor 1 is produced by our Mammalian expression system and the target gene encoding Leu18-Gln178 is expressed with a Fc, 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	11314
UniProt ID:	Q9UGN4
Summary:	CD300A is a single-pass type I membrane protein which belongs to the CD300 family. It contains 1 Ig-like V-type (immunoglobulin-like) domain. The CD300 family of myeloid immunoglobulin receptors includes activating (CD300b, CD300e) and inhibitory members (CD300a, CD300f), as well as molecules presenting a negative charge within their transmembrane domain (CD300c, CD300d). It 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 an 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. CD300c is a functional immune receptor able to deliver activating signals upon ligation in RBL-2H3 mast cells.



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