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Datasheet for ABIN1691546

cDNA Sequence AF251705 (AF251705) (AA 21-183) protein (Fc Tag)

Overview

Quantity:	50 µg
Target:	cDNA Sequence AF251705 (AF251705)
Protein Characteristics:	AA 21-183
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	Fc Tag

Product Details

Purpose:	Recombinant Human Leukocyte Mono Ig-Like Receptor 2/LMIR2/CD300C (C-Fc)
Sequence:	GYFPLSHPM T VAGPVGGSL S VQCRYEKEHR TLNKFWRCP P QILRCDKIVE TKGSAGKRNG RVSIRDSPAN LSFTVTLEN L TEEDAGTYWC GVDTPWLRDF HDPIVEVEVS VFPAGTTTAS SPQSSMGTS G PPTKLPVHT W PSVTRKDSPE PSPHPGSLFS NVRVDDIEGR MDEPKSCDKT HTCPPCPAPE LLGGPSVFL F PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRV V SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SREEMTKNQ V SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGGS FFLYSKLTVD KSRWQQGNV F SCSVMHEALH NHYTQKSLSL SPGK
Characteristics:	Recombinant Human Leukocyte Mono Ig-Like Receptor 2/LMIR2/CD300C (C-Fc)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	cDNA Sequence AF251705 (AF251705)
Alternative Name:	Leukocyte Mono Ig-Like Receptor 2 (AF251705 Products)
Background:	<p>Recombinant Human CD300C is produced by our mammalian expression system. The target protein is expressed with sequence (Gly21-Arg183) of Human CD300C fused with a FC tag at the C-terminus.</p> <p>CD300C is a single-pass type I membrane protein which belongs to the immunoregulatory signaling (IRS) family. CD300C contains one Ig-like V-type domain and is present on the surface of natural killer cells, granulocytes, most myeloid cells, dendritic cells, and a subpopulation of T and B lymphocytes. The CD300C (CMRF-35A) and CD300A (CMRF-35H) molecules are homologous leukocyte surface proteins. CD300a and CD300C play an important role in the cross-regulation of TNF-α and IFN-α secretion from pDCs. CD300A and CD300C are indistinguishable on the surface of NK cells. The ligand for CD300C is presently unknown.</p>
Molecular Weight:	44.9 kDa
UniProt:	Q08708

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 μg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 μ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>