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Datasheet for ABIN7534131
CD93 Protein (CD93) (Fc Tag,His tag)

Overview

Quantity:	50 µg
Target:	CD93
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD93 protein is labelled with Fc Tag,His tag.

Product Details

Purpose:	Recombinant Human C1qR/CD93 Protein
Sequence:	ADTEAVVCGV TACYTAHSGK LSAAEAQNHC NQNGGNLATV KSKEEAQHVQ RVLAQLLRRE AALTARMSKF WIGLQREK GK CLDPSLPLKG FSWVGGGEDT PYSNWHKELR NSCISKRCVS LLLDLSQPLL PSRLPKWSEG PCGSPGSPGS NIEGFVCKFS FKGMCRLAL GGPGQVTTYT PFQTTSSSLE AVPFASAANV ACGEGDKDET QSHYFLCKEK APDVFDWGSS GPLCVSPKYG CNFNNGGCHQ DCFEGGDGSF LCGCRPGFRL LDDLVT CASR NPCSSSPCRG GATCVLGP HG KNYTCRCPQG YQLDSSQLDC VDVDECQDSP CAQECVNTPG GFRCECWVGY EPGGPEGAC QDVDECALGR SPCAQGCTNT DGSFHCSCEE GYVLAGEDGT QCQDVDECVG PGGPLCDSL C FNTQGSFHCG CLPGWVLAPN GVSCTMGPVS LGPPSGPPDE EDKGEKEGST VPRAATASPT RGPEGTPKAT PTTSRPSLSS DAPITSAPLK MLAPSGSPGV WREPSIHAT AASGPQEPAG GDSSVATQNN DGT DGQK
Specificity:	Ala24-Lys580
Purity:	> 85 % by SDS-PAGE.
Sterility:	0.22 µm filtered

Product Details

Endotoxin Level: < 0.1 EU/µg of the protein by LAL method.

Target Details

Target: CD93

Alternative Name: C1qR/CD93 ([CD93 Products](#))

Background: Description: C1q R1, also known as CD93 and C1q Rp, is an approximately 125 kDa cell-surface glycoprotein and type I membrane protei. The protein expressed on monocytes, neutrophils, endothelial cells, and stem cells.CD93 was originally identified as a myeloid cell-specific marker. but now is thought to instead be involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton.

Name: C1qR(P),C1QR1,C1qRP,CDw93,dJ737E23.1,ECSM3,MXRA4,CD93

Gene ID: 22918

UniProt: [Q9NPY3](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.