

Recombinant Full Length Human CD93 Protein, C-Flag-tagged

Cat. No. CD93-1444HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CD93 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a cell-surface glycoprotein and type I membrane protein that was originally identified as a myeloid cell-specific marker. The encoded protein was once thought to be a receptor for C1q, 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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	66.4 kDa
AA Sequence	MATSMGLLLLLLLLLLTQPGAGTGADTEAVVCVGTACYTAHSGKLSAAEAQNHCNQNGGNLATVKSKEEAQ HVQRVLAQLLRREAALTARMSKFWIGLQREKGKCLDPSLPLKGFSWVGGGEDTPYSNWHKELRNSCISKR CVSLLLDLSQPLLPSRLPKWSEGPCGSPGSPGSNIEGFVCKFSFKGMCRLALGGPGQVTTYTPFQTTSS SLEAVPFASAANVACGEGDKDETQSHYFLCKEAPDVFWDWGSSGPLCVSPKYGCNFNNGGCHQDCFEGGD GSFLCGCRPGFRLLDDLVTCASRNPCSSSPCRGGATCVLGPLHGKNYTCRCP

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QGYQLDSSQLDCVDVDECQ DSPCAQECVNTPGGFRCECWVGYEPGGPGEGACQ
 DVDECALGRSPCAQGCTNTDGSFHCSCEEGYVLAGE DGTQCQDVDECVGPGGPL
 CDSLCFNTQGSFHCGCLPGWVLAPNGVVSCTMGPVSLGPPSGPPDEEDKGEKE GS
 TVPRAATASPTRGPEGTPKATPTTSRPSLSSDAPITSAPLKMLAPSGSPGVWREPSI
 HHATAASGPQE PAGGDSSVATQNNDGTDGQKLLLFYILGTVVAILLLLALALGLLVY
 RKRRAKREEKKEKKPQNAADSYSW
 VPERAESRAMENQYSPTPGTDCTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Full Length	Full L.

GENE INFORMATION

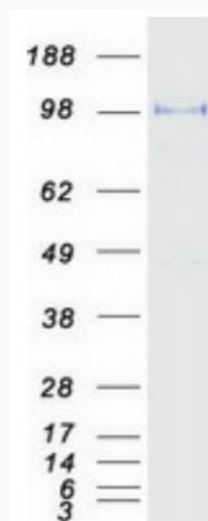
Gene Name	CD93 CD93 molecule [Homo sapiens (human)]
Official Symbol	CD93
Synonyms	C1QR1; C1qRP; CDw93; ECSM3; MXRA4; C1qR(P); dJ737E23.1

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Gene ID	22918
mRNA Refseq	NM_012072.4
Protein Refseq	NP_036204.2
MIM	120577
UniProt ID	Q9NPY3



Coomassie blue staining of purified CD93 protein.