

Recombinant Human CD93 protein, His & GST-tagged

Cat. No. CD93-6913H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD93 aa. (Glu227~Thr493 (Accession # Q9NPY3)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Glu227~Thr493
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	Freeze-dried powder
Molecular Mass	70kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 4.2.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	CD93 CD93 molecule [Homo sapiens (human)]
Official Symbol	CD93
Synonyms	CD93; CD93 molecule; C1QR1; C1qRP; CDw93; ECSM3; MXRA4; C1qR(P); dJ737E23.1; complement component C1q receptor; C1q receptor 1; C1q/MBL/SPA receptor; C1qR; CD93 antigen; complement component 1 q subcomponent receptor 1; matrix-remodeling-associated protein 4; matrix-remodelling associated 4
Gene ID	22918
mRNA Refseq	NM_012072.3

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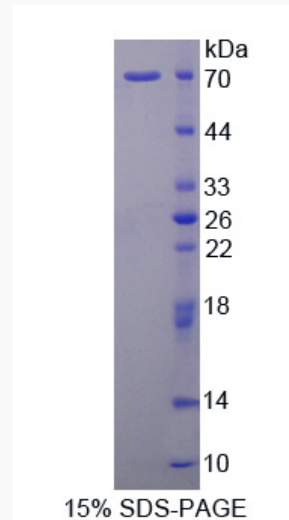
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Protein Refseq NP_036204.2

UniProt ID Q9NPY3

SDS-PAGE



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