

Active Recombinant Full Length Human CD9 Protein, C-Flag-tagged

Cat. No. CD9-79HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CD9 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	ELISA positive control
Molecular Mass	25.2 kDa
AA Sequence	MPVKGGTKCIKYLFLGFNFIFWLAGIAVLAIGLWLRFDSQTKSIFEQETNNNNSSFYT GVYILIGAGALM MLVGFLGCCGAVQESQCMLGLFFGFLLVIFAIEIAAAIWGYSHKDE VIKEVQEFYKDTYNKLTCKDEPQR ETLKAIHYALNCCGLAGGVEQFISDICKPKDVLE TFTVKSCPDAIKEVFDNKFHIIGAVGIGIAVVMIFG

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MIFSTILCCAIRRNREMVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways Hematopoietic cell lineage

Full Length Full L.

GENE INFORMATION

Gene Name CD9 CD9 molecule [Homo sapiens (human)]

Official Symbol CD9

Synonyms MIC3; MRP-1; BTCC-1; DRAP-27; TSPAN29; TSPAN-29

Gene ID 928

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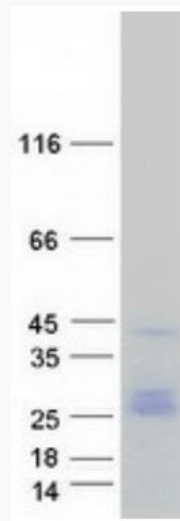
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mRNA Refseq [NM_001769.4](#)

Protein Refseq [NP_001760.1](#)

MIM [143030](#)

UniProt ID [P21926](#)



Coomassie blue staining of purified CD9 protein.

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