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	MPVKGGTKCIKYLLFGFNFIFWLAGIAVLAIGLWLRFDSQTKSIFEQETNNNNSSFYT GVYILIGAGALM MLVGFLGCCGAVQESQCMLGLFFGFLLVIFAIEIAAAIWGYSHKDE VIKEVQEFYKDTYNKLKTKDEPQR ETLKAIHYALNCCGLAGGVEQFISDICPKKDVLE TFTVKSCPDAIKEVFDNKFHIIGAVGIGIAVVMIFG

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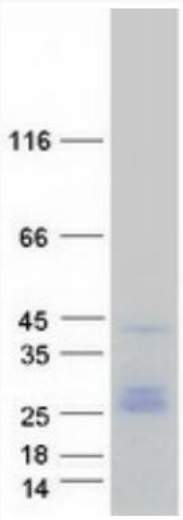
	MIFSTILCCAIRRNREMVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
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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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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