

Recombinant Human CD9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CD9-2958H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CD9 MS Standard C13 and N15-labeled recombinant protein (NP_001760) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	25.4 kDa
AA Sequence	MPVKGGTKCIKYLFLGFNFIFWLAGIAVLAIGLWLRFDTSQTKSIFEQETNNNNSSFYTG GVYILIGAGALMMLVGFLGCCGAVQESQCMLGLFFGFLLVIFAIEIAAAIWGYSHKDE VIKEVQEFYKDTYNKLKTKDEPQRETLKAIHYALNCCGLAGGVEQFISDICPKKDVLE TFTVKSCPDAIKEVFDNKFHIIIGAVGIGIAVVMIFGMIFSTILCCAIRRNREMVTRTRPL EQLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

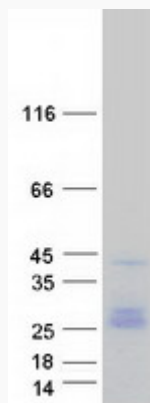
GENE INFORMATION

Gene Name	CD9 CD9 molecule [Homo sapiens (human)]
Official Symbol	CD9
Synonyms	CD9; CD9 molecule; CD9 antigen (p24), MIC3; CD9 antigen; BA2; motility related protein 1; MRP 1; P24; TSPAN29; 5H9 antigen; tetraspanin-29; BA-2/p24 antigen; CD9 antigen (p24); leukocyte antigen MIC3; motility related protein-1; cell growth-inhibiting gene 2 protein; MIC3; MRP-1; BTCC-1; DRAP-27; TSPAN-29; FLJ99568;
Gene ID	928
mRNA Refseq	NM_001769
Protein Refseq	NP_001760
MIM	143030
UniProt ID	P21926

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SDS-PAGE

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