Recombinant Human CD9 Protein, hIgG/His-tagged

Cat. No. CD9-06H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD9 protein (21-193aa), fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect cells
ProteinLength	21-193 a.a.
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	Liquid
Molecular Mass	36.9 kDa
AA Sequence	SHKDEVIKEVQEFYKDTYNKLKTKDEPQRETLKAIHYALNCCGLAGGVEQFISDICPK KDVLETFTVKSCPDAIKEVFDNKFHI
Endotoxin	< 1 EU/μg of protein (determined by LAL method)

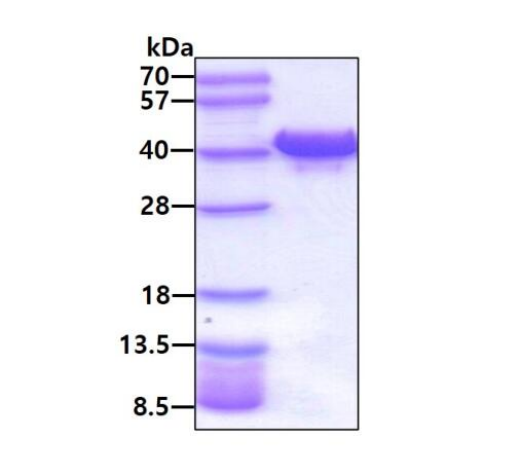
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Purity	> 95% by SDS-PAGE
Applications	SDS-PAGE, Bioactivity
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/mL
Storage Buffer	In Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol.

GENE INFORMATION

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

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SDS-PAGE	 3 μg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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