

CD9 (Human) Recombinant Protein

Catalog # P9655

Size 20 ug

Specification

Product Description	Human CD9 (P21926, 112 a.a. - 195 a.a.) partial recombinant protein with His tag at N-terminus expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSSHKDEVIKEVQEFYKDTYNKLTKDEPQRETLKAIHYALNC CGLAGGVEQFISDICPKKDVLETFTVKSCPDAIKEVFDNKFHI
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	12
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 85.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS pH 7.4 (1 mM DTT and 20% glycerol)
Storage Instruction	Store at 2°C to 8°C for 2-4 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CD9

Entrez GeneID

[928](#)

Protein Accession#	P21926
Gene Name	CD9
Gene Alias	5H9, BA2, BTCC-1, DRAP-27, GIG2, MIC3, MRP-1, P24, TSPAN29
Gene Description	CD9 molecule
Omim ID	143030
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It can modulate cell adhesion and migration and also trigger platelet activation and aggregation. In addition, the protein appears to promote muscle cell fusion and support myotube maintenance. [provided by RefSeq]</p>
Other Designations	5H9 antigen CD9 antigen CD9 antigen (p24) OTTHUMP00000041574 OTTHUMP00000041576 antigen defined by monoclonal antibody 602-29 growth-inhibiting gene 2 protein leukocyte antigen MIC3 motility related protein motility related protein-1 p24 antigen

Pathway

- [Hematopoietic cell lineage](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
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- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)