CD9 (Human) Recombinant Protein

Catalog # P9656 Size 10 ug

Specification

Product Description	Human CD9 (P21926, 112 a.a. - 195 a.a.) partial recombinant protein with hIgG-His tag at C-terminus expressed in Sf9 cells.
Sequence	ADPSHKDEVIKEVQEFYKDTYNKLKTKDEPQRETLKAIHYALNCCGLAGGVEQFISDICPKKDVLETFTVKSCPDAIKEVFDNKFHILEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHHHH
Host	insect
Theoretical MW (kDa)	36.9
Form	Liquid
Preparation Method	Sf9 cell expression system
Purity	> 95.0% 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 (10% 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

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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	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known a s the tetraspanin family. Most of these members are cell-surface proteins that are characterized b y 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 prot ein 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 activa tion and aggregation. In addition, the protein appears to promote muscle cell fusion and support myotube maintenance. [provided by RefSeq
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
- Diabetes Complications
- Infertility
- Metabolic Syndrome X
- Neoplasms

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- Osteoporosis

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