

HuPro®

## CD9 (Human) Recombinant Protein

Catalog # P9657

Size 2 x 10 ug

### Specification

<b>Product Description</b>	Human CD9 (P21926, 112 a.a. - 195 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.
<b>Sequence</b>	DGSSHKDEVIKEVQEFYKDTYNKLKTKDEPQRETLKAIHYALNCCGLAGGVEQFISDICPKKDVLE TFTVKSCPDAIKEVFDNKFHHHHHHH
<b>Host</b>	Human
<b>Theoretical MW (kDa)</b>	10.7
<b>Form</b>	Liquid
<b>Preparation Method</b>	Mammalian cell (HEK293) expression system
<b>Purity</b>	> 90.0% by SDS-PAGE
<b>Recommend Usage</b>	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS pH 7.4 (10% glycerol)
<b>Storage Instruction</b>	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#	<a href="#">P21926</a>
Gene Name	CD9
Gene Alias	5H9, BA2, BTCC-1, DRAP-27, GIG2, MIC3, MRP-1, P24, TSPAN29
Gene Description	CD9 molecule
Omim ID	<a href="#">143030</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)
- [Diabetes Complications](#)
- [Infertility](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)