

## Recombinant Human CD9 protein, His-tagged

Cat. No. CD9-1H Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD9 protein(Ser 112-Ile 195)(NP_001760.1) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.        |
| <b>Species</b>          | Human                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                               |
| <b>ProteinLength</b>    | 112-195 aa                                                                                                                                                                           |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                |
| <b>Molecular Mass</b>   | The recombinant human CD9 consists of 95 amino acids and predicts a molecular mass of 11 kDa as estimated in SDS-PAGE under reducing conditions.                                     |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                      |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                     |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.        |

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|                               |                                                                                                               |
|-------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>protein Refseq-Weblink</b> | <a href="http://www.ncbi.nlm.nih.gov/protein/NP_001760.1">http://www.ncbi.nlm.nih.gov/protein/NP_001760.1</a> |
| <b>Unit ID</b>                | P21926                                                                                                        |
| <b>Unit ID-Weblink</b>        | <a href="http://www.uniprot.org/uniprot/P21926">http://www.uniprot.org/uniprot/P21926</a>                     |

## GENE INFORMATION

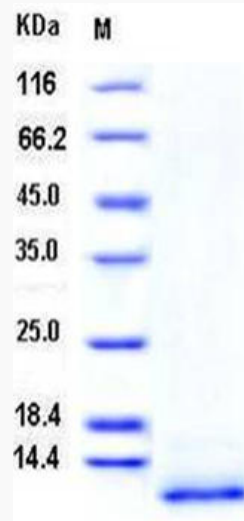
|                        |                                                                                                                                                                                                                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CD9 CD9 molecule [ Homo sapiens ]                                                                                                                                                                                                                                                                                              |
| <b>Official Symbol</b> | CD9                                                                                                                                                                                                                                                                                                                            |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 928                                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | <a href="#">NM_001769</a>                                                                                                                                                                                                                                                                                                      |
| <b>protein Refseq</b>  | NP_001760                                                                                                                                                                                                                                                                                                                      |
| <b>MIM</b>             | 143030                                                                                                                                                                                                                                                                                                                         |

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SDS-PAGE



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