

## Recombinant Human CD9, His-tagged

**Cat. No.** CD9-10984H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human CD9 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 100-208a.a.   |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.   |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

### 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; |

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|                            |   |
|----------------------------|---|
| <b>Gene ID</b>             | 928   |
| <b>mRNA Refseq</b>         | NM_001769   |
| <b>Protein Refseq</b>      | NP_001760   |
| <b>MIM</b>                 | 143030  |
| <b>UniProt ID</b>          | P21926  |
| <b>Chromosome Location</b> | 12p13   |
| <b>Pathway</b>             | Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Hemostasis, organism-specific biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem; Platelet degranulation, organism-specific biosystem; Response to elevated platelet cytosolic Ca <sup>2+</sup> , organism-specific biosystem; a6b1 and a6b4 Integrin signaling, organism-specific biosystem; |
| <b>Function</b>            | integrin binding; protein binding;  |

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