Human CD9 Protein, His Tag Cat. No. PME100849



## **PRODUCT INFORMATION**

| Target                          | CD9  |
|---------------------------------|--|
| Synonyms                        | BTCC-1;DRAP-27;MIC3;MRP-1;TSPAN-29;TSPAN29   |
| Description                     | Recombinant human CD9 protein with C-terminal<br>6×His tag   |
| Delivery                        | In Stock   |
| Uniprot ID                      | P21926   |
| <b>Expression Host</b>          | HEK293   |
| Tag                             | C-6×His Tag  |
| Molecular<br>Characterization   | CD9(Ser112-Ile195) 6×His tag   |
| Molecular Weight                | The protein has a predicted molecular mass of<br>10.5 kDa after removal of the signal peptide. The<br>apparent molecular mass of CD9-His is<br>approximately 10-15 kDa due to glycosylation.   |
| Purity                          | The purity of the protein is greater than 95% as<br>determined by SDS-PAGE and Coomassie blue<br>staining.   |
| Formulation &<br>Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 %<br>– 8% trehalose is added as protectants before<br>lyophilization. Please see Certificate of Analysis<br>for specific instructions of reconstitution.  |
| Storage & Shipping              | Store at -20°C to -80°C for 12 months in<br>lyophilized form. After reconstitution, if not<br>intended for use within a month, aliquot and store<br>at -80°C (Avoid repeated freezing and thawing).<br>Lyophilized proteins are shipped at ambient<br>temperature.   |
| Background                      | This gene encodes a member of the<br>transmembrane 4 superfamily, also known as the<br>tetraspanin family. Tetraspanins are cell surface<br>glycoproteins with four transmembrane domains<br>that form multimeric complexes with other cell<br>surface proteins. The encoded protein functions in<br>many cellular processes including differentiation,<br>adhesion, and signal transduction, and expression<br>of this gene plays a critical role in the suppression<br>of cancer cell motility and metastasis. [provided<br>by RefSeq, Jan 2011] |
| Usage                           | Research use only  |
|                                 |  |

Email: info@dimabio.com Website: www.dimabio.com



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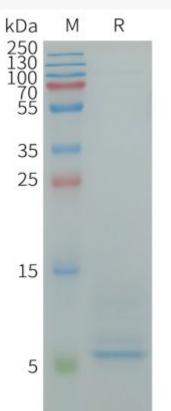


Figure 1. Human CD9 Protein, His Tag on SDS-PAGE under reducing condition.

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

Email: info@dimabio.com Website: www.dimabio.com

