

# Product datasheet for AR51790PU-N

### CD9 (112-195, His-tag) Human Protein

#### **Product data:**

#### OriGene Technologies, Inc.

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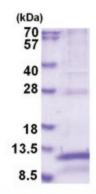
| Product Type:                            | Recombinant Proteins  |
|--|---|
| Description:                             | CD9 (112-195, His-tag) human recombinant protein, 0.5 mg  |
| Species:                                 | Human   |
| Expression Host:                         | E. coli   |
| Expression cDNA Clone<br>or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSSHKDEVI KEVQEFYKDT YNKLKTKDEP QRETLKAIHY<br>ALNCCGLAGG VEQFISDICP KKDVLETFTV KSCPDAIKEV FDNKFHI                            |
| Tag:                                     | His-tag   |
| Predicted MW:                            | 12 kDa  |
| Concentration:                           | lot specific  |
| Purity:                                  | >85% by SDS - PAGE  |
| Buffer:                                  | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: Phosphate buffer saline (pH 7.4) containing 20% glycerol, 1mM DTT. |
| Preparation:                             | Liquid purified protein   |
| Protein Description:                     | Recombinant human CD9, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.        |
| Storage:                                 | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.<br>Avoid repeated freezing and thawing.                        |
| Stability:                               | Shelf life: one year from despatch.   |
| RefSeq:                                  | <u>NP 001317241</u>   |
| Locus ID:                                | 928   |
| UniProt ID:                              | P21926, <u>A6NNI4</u>   |
| Cytogenetics:                            | 12p13.31  |
| Synonyms:                                | BTCC-1; DRAP-27; MIC3; MRP-1; TSPAN-29; TSPAN29   |



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|                  | CD9 (112-195, His-tag) Human Protein – AR51790PU-N   |
|------------------|--|
| Summary:         | This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis. [provided by RefSeq, Jan 2011] |
| Protein Families | : Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transmembrane   |
| Protein Pathway  | <b>/s:</b> Hematopoietic cell lineage  |

## Product images:



15% SDS-PAGE (3ug)

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