

## CD9 Human Recombinant

|                                          |                                                                                                                                                                                                                                                                           |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item Number</b>                       | rAP-0087                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>                          | CD9 antigen, 5H9 antigen, Cell growth-inhibiting gene 2 protein, Leukocyte antigen MIC3, Motility-related protein, CD9, MRP-1, Tetraspanin-29, Tspan-29, p24, MIC3, TSPAN29, GIG2, BTCC-1, DRAP-27, TSPAN-29.                                                             |
| <b>Description</b>                       | CD9 Human Recombinant produced in E. coli is a single polypeptide chain containing 107 amino acids (112-195) and having a molecular mass of 12kDa. CD9 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.            |
| <b>Uniprot Accession Number</b>          | P21926                                                                                                                                                                                                                                                                    |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MGSSHKDEVI KEVQEFYKDT YNKLKTKDEP QRETLKAIHY AL-NCCGLAGG VEQFISDIP KKDVLFTTV KSCPDAIKEV FDNKFHI.                                                                                                                                                     |
| <b>Source</b>                            | Escherichia Coli.                                                                                                                                                                                                                                                         |
| <b>Physical Appearance and Stability</b> | Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. |
| <b>Formulation and Purity</b>            | The CD9 solution (0.25mg/1ml) contains Phosphate buffer saline (pH 7.4), 20% glycerol and 1mM DTT. Greater than 85.0% as determined by SDS-PAGE.                                                                                                                          |
| <b>Application</b>                       |                                                                                                                                                                                                                                                                           |
| <b>Solubility</b>                        |                                                                                                                                                                                                                                                                           |
| <b>Biological Activity</b>               |                                                                                                                                                                                                                                                                           |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.                                                                                                                                                                                                                                   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**