

## Cell Adhesion Molecule 1 Human Recombinant

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| <b>Item Number</b>                       | rAP-4225   |
| <b>Synonyms</b>                          | Cell Adhesion Molecule 1, Tumor Suppressor In Lung Cancer 1, IGSF4, Spermatogenic Immunoglobulin Superfamily, Immunoglobulin Superfamily, Member 4, Immunoglobulin Superfamily Member 4, Synaptic Cell Adhesion Molecule,  |
| <b>Description</b>                       | CADM1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 353 amino acids (45-374 a.a) and having a molecular mass of 39.4 kDa.  |
| <b>Uniprot Accesion Number</b>           | Q9BY67   |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MGSQNLFTKD VTVIEGEVAT ISCQVNKSDD SVIQLLNPNR QTIYFRD-FRP<br>LKDSRFQLLN FSSSELKVSL TNVISIDEGR YFCQLYTDPP QESYTTITVL VPPRNLMIDI QKDTAVEGEE<br>IEVNCTAMAS KPATTIRWFK GNTTELKKGKSE VEEWSDMYTV<br><br>TSQLMLKVHK EDDGVPVICQ VEHPAVTGNL QTQRYLEVQY KPQVHIQMTY |
| <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>            | CADM1 protein solution (0.25 mg/ml) containing Phosphate buffered saline (pH7.4), 10% 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**