

Cadherin 2 Human Recombinant

Item Number	rAP-2876
Synonyms	Cadherin 2, Cadherin 2, Type 1, N-Cadherin (Neuronal), Neural Cadherin, N-Cadherin, CDw325, NCAD, CDHN, Calcium-Dependent Adhesion Protein, Neuronal, CD325 Antigen, N-Cadherin 1, Cadherin-2, CD325.
Description	CDH2 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 574 amino acids (160-724a.a.) and having a molecular mass of 62.9kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). CDH2 is expressed with a 6 amino acids His tag at C-
Uniprot Accession Number	P19022
Amino Acid Sequence	ADPDWVIPPI NLPENSRGPF PQELVRIRSD RDKNLSLRYS VTGPGADQPP TGIFIINPIS GQLSVTKPLD REQUIARFHLR AHAVDINGNQ VENPIDIVIN VIDMNDNRPE FLHQVWNGTV PEGSKPGTYV MTVTAI- DADD PNALNGMLRY RIVSQAPSTP SPNMFTINNE TGDITVAAG LDREKVQQYT LIIQATDMEG NPTY- GLSNTA TAVITVTDVN DNPPEFTAMT FYGEVPENRV DIIVANLTVT DKDQPHTPAW NAVYRISGGD PTGRFAIQTD PNSNDGLVTY VKPIDFETNR MFVLTVAEEN QVPLAKGIQH PPQSTATVSV TVIDVNENPY FAPNPKIIRQ EEGLHAGTML TTFTAQDPDR YMQQNIRYTK LSDPANWLKI DPVNGQITTI AVLDRESPNV
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	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.
Formulation and Purity	CDH2 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 20% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**