

Protocadherin Gamma Subfamily C 4 Human Recombinant

Item Number	rAP-4111
Synonyms	Protocadherin Gamma Subfamily C 4, PCDH-GAMMA-C4.
Description	PCDHGC4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 684 amino acids (30-692) and having a molecular mass of 74.3 kDa. PCDHGC4 is fused to a 21 amino acid His-tag at N-terminus.
Uniprot Accession Number	Q9Y5F7
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MQIRYPVPEE SQEGTFVGNV AQDFLLDTS LSARRLQVAG EVNQRHFRVD LDSGALLIKN PIDREALCGL SASCIVPLEF VTEGPLEMYR AEVEIVDVND HAPRFPRQQL DLEIGEAAAPP GQRFPLEKAQ DADVGSNSIS SYRLSSNEHF ALDVKKRSDG SLVPELLEK PLDREKQSDY RLVLTAVDGG NPPRSGTAE LRVSVLDVNDN APAFQQSSYR ISVLESAPAG MVLQLNASD PDLGPSGNVT FYFSGHTPDR VRNLFSLHPT TGKLTLLGPL DFESENYYEF DVRARDGGSP AMEQHC SLRV DLLDVNDNAP YITVTSELGT LPESAEPGTV VALISVQDPD
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	The PCDHGC4 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85% 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**