

Cytohesin 2 Human Recombinant

Item Number	rAP-3147
Synonyms	ARF Nucleotide-Binding Site Opener, Pleckstrin Homology Sec7 And Coiled-Coil Domains 2 (Cytohesin-2), PH SEC7 And Coiled-Coil Domain-Containing Protein 2, Cytohesin 2, Protein ARNO, ARF Exchange Factor, Sec7p-Like, PSCD2, PSCD2L, CTS18.1, Sec7p-L, SEC7L.
Description	CYTH2 Human Recombinant produced in E. coli is a single polypeptide chain containing 422 amino acids (1-399) and having a molecular mass of 48.9 kDa. CYTH2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q99418
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEDGVYE PPDLTPEERM ELENIRRRKQ ELLVEIQRLR EEL- SEAMSEV EGLEANEGSK TLQRNRKMAM GRKKFNMDPK KGIQFLVENE LLQNTPEEIA RFLYKGEGLN KTAIGDYLGE REELNLAVLH AFVDLHEFTD LNLVQALRQF LWSFRLPGEA QKIDRMMEAF AQRYCLCNPV VFQSTDTCYV LSAFVIMLNT SLHNPVNRDK PGLERFVAMN RGINEGGDLP EELLRN- LYDS IRNEPFKIP EDDGNDLTHTF FNPDRGWLL KLGGRVKTWK RRWFILTDNC LYYFEYTTDK EPRGIIPLEN LSIREVDDPR KPNCFELYIP NKNKGQLIKAC KTEADGRVVE GNHVMYRISA PTQEEKDEWI
Source	E.coli.
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	The CYTH2 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 1mM DTT and 10% glycerol. Greater than 90% 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**