

## Cytohesin 2 Human Recombinant

<b>Item Number</b>	rAP-3147
<b>Synonyms</b>	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.
<b>Description</b>	CYTH2 Human Recombinant produced in <i>E. coli</i> 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.
<b>Uniprot Accesion Number</b>	Q99418
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMEDGVYE PPDLTPEERM ELENIRRRKQ ELLVEIQQLR EEL-SEAMSEV EGGLEANEGSK TLQRNRKAMM GRKKFNMDPK KGIGFLVENE LLQNTPEEIA RFLYKGEGLN KTAIGDYLGE REELNLAVLH AFVDLHEFTD LNLVQALRQF LWSFRLPGEA QKIDRMMEAF AQRYCLCNPG VFQSTDTCYV LSFAVIMLNT SLHNPNVRDK PGLERFVAMN RGINEGGDLP EELLRN-LYDS IRNEPFKIKE DDGNDLTHTF FNPDREGWLL KLGGRVKTWK RRWFI LTDNC LYYFEYTTDK EPRGIIPLEN LSIREVDDPR KPNCFELYIP NNKGQLIKAC KTEADGRVVE GNHMVYRISA PTQEEKDEWI
<b>Source</b>	<i>E.coli</i> .
<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 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.
<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 end users! This product is sold for **Research Use Only**