

Cytohesin 3 Human Recombinant

Item Number	rAP-3148
Synonyms	Cytohesin 3, PSCD3, ARNO3, GRP1, PH SEC7 and Coiled-Coil Domain-Containing Protein 3 , Pleckstrin Homology Sec7 and Coiled-Coil Domains 3, General Receptor of Phosphoinositides 1 , ARF Nucleotide-Binding Site Opener 3 , Protein ARNO3 , Cytohesin-3, CYTH3.
Description	CYTH3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 422 amino acids (1-399) and having a molecular mass of 48.7 kDa. CYTH3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	O43739
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDEDGGG EGGGVPEPEDLS LEEREELLDI RRRKKELEDD IERL-KYEIAE VMTEIDNLTS VEESKTTQRN KQIAMGRKKF NMDPKKGQF LIENDLLQSS PEDVAQFLYK GEGLNKTIVG DYLGERDEFN IKVLQAFVEL HEFADLNLVQ ALRQFLWSFR LPGEAQKIDR MMEAFASRYC LCNPQVFQST DTCYVLSFAI IMLNTSLHNH NVRDKPTAER FIAMNRGINE GGDLPEELLR NLYESIKNEP FKIPEDDGND LTHTFFNPDR EGWLLKLGGR VKTWKRRWF LTDNCYYFE YTTDKEPRGI IPLENLSIRE VEDPRKPNCF ELYNPSHKGQ VIKACKTEAD GRVVEGNHVV
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 CYTH3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. 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 end users! This product is sold for **Research Use Only**