

## 32-3646: CYTH3 Recombinant Protein

### Alternative Name :

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

### Description

Source : E.coli. 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. Cytohesin 3 (CYTH3) belongs to the PSCD family, whose members have identical structural organization which consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain, and seem to mediate the regulation of protein sorting and membrane trafficking. CYTH3 is involved in the regulation of Golgi structure and function, and it might have a physiological role in regulating ADP-ribosylation factor protein 6 (ARF) functions, in addition to acting on ARF1.

### Product Info

**Amount :** 10 µg

**Purification :** Greater than 90% as determined by SDS-PAGE.

**Content :** The CYTH3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

**Storage condition :** 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.

**Amino Acid :** MGSSHHHHH SSGLVPRGSH MGSMDEDGGG EGGGVPEDLS LEEREELLDI RRRKKELIDD IERLKYEIAE VMTEIDNLTS VEESKTTQRN KQIAMGRKKF NMDPKKGIQF LIENDLLQSS PEDVAQFLYK GEGLNKTIVIG DYLGGERDEFN IKVLQAFVEL HEFADLNLVQ ALRQFLWSFR LPGEAQKIDR MMEAFASRYC LCNPGVFQST DTCYVLSFAI IMLNTSLHNH NVRDKPTAER FIAMNRGINE GGDLPPELLR NLYESIKNP FKIPEDDGND LTHTFNPDR EGWLLKLGR VKTWKRRWFI LTDNCLYYFE YTTDKPRGI IPLENLSIRE VEDPRKPNCF ELYNPSHKGQ VIKACKTEAD GRVVEGNHVV YRISAPSPEE KEEWMKSIKA SISRDPFYDM LATRKRRRIAN KK.

