9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

CYTH3 Human

Cytohesin 3 Human Recombinant
RCP0608

Product Overview

Name	CYTH3 Human
Description	
Cytohesin 3 Human Recombinant	
Accession (Primary)	O43739
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.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The CYTH3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MDEDGGG EGGGVPEDLS LEEREELLDI RRRKKELIDD IERLKYEIAE VMTEIDNLTS VEESKTTQRN KQIAMGRKKF NMDPKKGIQF LIENDLLQSS PEDVAQFLYK GEGLNKTVIG	

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DYLGERDEFN IKVLQAFVEL HEFADLNLVQ ALRQFLWSFR LPGEAQKIDR MMEAFASRYC LCNPGVFQST DTCYVLSFAI IMLNTSLHNH NVRDKPTAER FIAMNRGINE GGDLPEELLR NLYESIKNEP FKIPEDDGND LTHTFFNPDR EGWLLKLGGR VKTWKRRWFI LTDNCLYYFE YTTDKEPRGI IPLENLSIRE VEDPRKPNCF ELYNPSHKGQ VIKACKTEAD GRVVEGNHVV YRISAPSPEE KEEWMKSIKA SISRDPFYDM LATRKRRIAN KK.

Precautions

CYTH3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O43739)