

Recombinant Human CYTH3 Protein, MYC/DDK-tagged

Cat. No. CYTH3-3400H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYTH3 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the PSCD (pleckstrin homology, Sec7 and coiled-coil domains) family. PSCD family members have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. This encoded protein is involved in the control of Golgi structure and function, and it may have a physiological role in regulating ADP-ribosylation factor protein 6 (ARF) functions, in addition to acting on ARF1.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	46.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name CYTH3 cytohesin 3 [Homo sapiens]

Official Symbol CYTH3

Synonyms ARNO3; cytohesin-3; GRP1; PSCD3

Gene ID 9265

mRNA Refseq NM_004227

Protein Refseq NP_004218

MIM 605081

UniProt ID O43739

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