

CYTH3 抗原（重组蛋白）

中文名称： CYTH3 抗原（重组蛋白）

英文名称： CYTH3 Antigen (Recombinant Protein)

别名： cytohesin 3; GRP1; ARNO3; PSCD3; cytohesin-3

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 221-400 amino acids of human CYTH3

技术规格

Full name:	cytohesin 3
Synonyms:	GRP1; ARNO3; PSCD3; cytohesin-3
Swissprot:	O43739
Gene Accession:	BC008191
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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.