

## Product datasheet for **AR51478PU-N**

### Cytohesin 3 (1-399, His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Cytohesin 3 (1-399, His-tag) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMDEDGGG EGGGVPEDLS LEEREELLDI RRRKKELIDD IERLKYEIAE VMTEIDNLTS VEESKTTQRN KQIAMGRKKF NMDPKKGIQF LIENDLLQSS PEDVAQFLYK GEGLNKTIVIG DYLGGERDEFN IKVLQAFVEL HEFADLNLVQ ALRQFLWSFR LPGEAQKIDR MMEAFASRYC LCNPGVFQST DTCYVLSFAI IMLNTSLHNN NVRDKPTAER FIAMNRGINE GGDLPHEELR NLYESIKNEP FKIPEDDGND LHTHTFFNPDR EGWLLKLGGR VKTWKRRWFI LTDNCLYYFE YTTDKPRGI IPLENLSIRE VEDPRKPNCF ELYNP SHKGQ VIKACKTEAD GRVVEGNHVV YRISAPSPEE KEEWMKSIKA SISRDPFYDM LATRKRRRIAN KK
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	48.7 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>90% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human CYTH3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_004218</a>
<b>Locus ID:</b>	9265
<b>UniProt ID:</b>	<a href="#">O43739</a>



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**Cytogenetics:** 7p22.1

**Synonyms:** ARNO3; cytohesin-3; GRP1; PSCD3

**Summary:** 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. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:

