

## Product datasheet for **AR51925PU-S**

### Cytohesin 1 (1-398, His-tag) Human Protein

#### Product data:

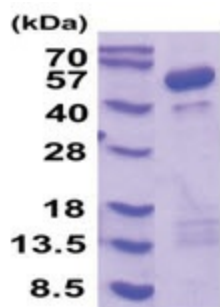
Product Type:	Recombinant Proteins
Description:	Cytohesin 1 (1-398, His-tag) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMEEDDSY VPSDLTAEER QELENIRRRK QELLADIQRL KDEIAEVANE IENLGSTEER KNMQRNKQVA MGRKKFNMDP KKGIQFLIEN DLLKNTCEDI AQFLYKGEGL NKTAIGDYLG ERDEFNIQVL HAFVELHEFT DLNLVQALRQ FLWSFRLPGE AQKIDRMMEA FAQRYCQCNN GVFQSTDTCY VLSFAIIMLN TSLHNPNVKD KPTVERFIAM NRGINDGGDL PEELLRNLYE SIKNEPFKIP EDDGNDLHT FFNPDREGWL LKLGGRVKT WKRRWFILTD NCLYFFEYTT DKEPRGIPL ENLSIREVED SKKPNCFELY IPDNKDQVIK ACKTEADGRV VEGNHTVYRI SAPTPEEKKE WIKCIKAAS RDPFYEMLA RKKKVSSTKR H
Tag:	His-tag
Predicted MW:	48.8 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Storage:	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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001278947</a>
Locus ID:	9267
UniProt ID:	<a href="#">Q15438</a>
Cytogenetics:	17q25.3
Synonyms:	B2-1; CYTOHESIN-1; D17S811E; PSCD1; SEC7



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**Summary:**

The protein encoded by this gene is a member of the PSCD family. Members of this family 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 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 gene is highly expressed in natural killer and peripheral T cells, and regulates the adhesiveness of integrins at the plasma membrane of lymphocytes. A pseudogene of this gene has been defined on the X chromosome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]

**Product images:**

15% SDS-PAGE (3ug)