

## Product datasheet for TP317980

### Cytohesin 2 (CYTH2) (NM\_017457) Human Recombinant Protein

#### Product data:

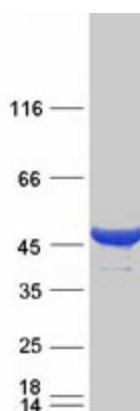
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cytohesin 2 (CYTH2), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217980 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MEDGVYEPDLTPEERMELNIRRRKQELLVEIQRLREELSEAMSEVEGLEANEKSKTLQRNRKMAMGRK KFNMDPKKGIQFLVENELLQNTPEEIARFLYKGEGLNKAIGDYLGEREELNLAVLHAFVDLHEFTDLNL VQALRQFLWSFRLPGEAQKIDRMMEAFQRYCLCNPQVGFQSTDTCYVLSFAVIMLNTSLHNPVNRDKPG L ERFVAMNRGINEGGDLPEELLRNLYDSIRNEPFKIPEDDGNDLTHFFNPDRGWLLKGGGRVKTWKRR WFILTDNCLYFYYTTDKPRGIIPQENLSIREVDDPRKPNCFELYIPNNKGQLIKACKTEADGRVVEGN HMVYRISAPTQEEKDEWIKSIQAAVSVDPFYEMLAARKKRISVKKKQEQP  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	46.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_059431</a></u>



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Locus ID:	9266
UniProt ID:	<a href="#">Q99418</a>
RefSeq Size:	4625
Cytogenetics:	19q13.33
RefSeq ORF:	1200
Synonyms:	ARNO; CTS18; CTS18.1; cytohesin-2; PSCD2; PSCD2L; SEC7L; Sec7p-L; Sec7p-like
Summary:	<p>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 (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. The encoded protein exhibits GEP activity in vitro with ARF1, ARF3, and ARF6 and is 83% homologous to CYTH1. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]</p>
Protein Families:	Druggable Genome

### Product images:



Coomassie blue staining of purified CYTH2 protein (Cat# TP317980). The protein was produced from HEK293T cells transfected with CYTH2 cDNA clone (Cat# [RC217980]) using MegaTran 2.0 (Cat# [TT210002]).