

Product datasheet for **TP308043L**

PSCD4 (CYTH4) (NM_013385) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human cytohesin 4 (CYTH4), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC208043 protein sequence
Red=Cloning site **Green**=Tags(s)

MDLCHPEPAELSSGETEELQRIKWHRKQLLEDIQKLKDEIADVFAQIDCFESAEESRMAQKEKELCIGRK
KFNMDPAKGIQYFIEHKLLTPDVQDIARFLYKGEGLNKAIGTYLGERDPINLQVLQAFVDCHEFANLNL
VQALRQFLWSFRLPGEAQKIDRMMEAFATRYCLCNPGVFQSTDTCYVLSFSIIMLNTSLHNPVDRPPF
ERFVSMNRGINNGSDLPEDQLRNLFDSIKSEPFSDGNDLHTFFNPDPREGWLLKLGGRVKTWKRR
W

FILTDNCLYYFEFTTDKEPRGIIPLENLSVQKVDDPKKPFCELYNPSCRGQKIKACKTDGDGRVVEGKH
ESYRISATSAEERDQWIESIRASITRVPFYDLVSTRKKKIASKQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 45.5 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: [NP_037517](#)

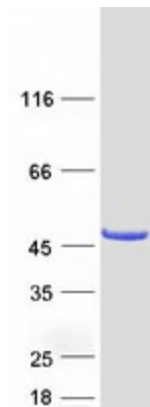


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Locus ID:	27128
UniProt ID:	Q9UIA0
RefSeq Size:	3138
Cytogenetics:	22q13.1
RefSeq ORF:	1182
Synonyms:	CYT4; cytohesin-4; DJ63G5.1; PSCD4

Summary: This gene encodes a member of the PSCD family of proteins, which have 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 function as GEPs for ADP-ribosylation factors (ARFs), which are guanine nucleotide-binding proteins involved in vesicular trafficking pathways. This protein exhibits GEP activity in vitro with ARF1 and ARF5, but is inactive with ARF6. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2015]

Product images:



Coomassie blue staining of purified CYTH4 protein (Cat# [TP308043]). The protein was produced from HEK293T cells transfected with CYTH4 cDNA clone (Cat# [RC208043]) using MegaTran 2.0 (Cat# [TT210002]).