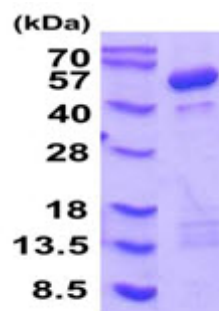


AR51925PU-N

Human Cytohesin 1 (1-398, His-tag) - Purified

Alternate names:	CYTH1, D17S811E, PH, PSCD1, SEC7 and coiled-coil domain-containing protein 1, SEC7 homolog B2-1
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by bradford assay)
Background:	CYTH1 also known as Cytohesin1 isoform1. CYTH1 promotes guanine-nucleotide exchange on ARF1 and ARF5 also promotes the activation of ARF factors through replacement of GDP with GTP. Recombinant human CYTH1 was expressed in E.coli and purified by using conventional chromatography techniques
Uniprot ID:	Q15438
NCBI:	NP_004753
GeneID:	9267
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT.
Description:	AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMEEDSY VPSDLTAEER QELENIRRRK QELLADIQRL KDEIAEVANE IENLGSTEER KNMQRNKQVA MGRKKFNMDP KKGIQFLIEN DLLKNTCEDI AQFLYKGEGL NKTAIGDYLG ERDEFNIQVL HAFVELHEFT DLNLVQALRQ FLWSFRLPGE AQKIDRMMEA FAQRYCQCNN GVFSQSTDTCY VLSFAIIMLN TSLHNPNVKD KPTVERFIAM NRGINDGGDL PEELLRNLYE SIKNEPFKIP EDDGNDLTHT FFNPDPREGWL LKLGGGRVKT WKRRWFILTD NCLYYFEYTT DKEPRGIPL ENLSIREVED SKKPNCFELY IPDNKDQVIK ACKTEADGRV VEGNHTVYRI SAPTPEEKKEE WIKCIKAAIS RDPFYEMLA RKKKVSSTKR H Molecular weight: 48.8 kDa (421aa) confirmed by MALDI-TOF
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. Shelf life: one year from despatch.
General Readings:	Ogasawara M., et al. (2000) J. Biol. Chem. 275:3221-3230. Betz S.F., et al. (1998) Proc. Natl. Acad. Sci. U.S.A. 95:7909-7914.

Pictures:



15% SDS-PAGE (3ug)