

Recombinant Human CYTH1, His-tagged

Cat. No. CYTH1-85H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CYTH1 was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT
Molecular Mass	48.8 kDa (421aa) confirmed by MALDI-TOF
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 EDDGNDLTHT FFNPDREGWL LKLGGRVKLT WKRRWFILTD NCLYYFEYTT DKEPRGIPL ENLSIREVED SKKPNCFELY IPDNKDQVIK ACKTEADGRV VEGNHTVYRI SAPTPEEKKE WIKCIKAAS RDPFYEMLAA RKKKVSSTKR H

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	CYTH1 cytohesin 1 [Homo sapiens]
Official Symbol	CYTH1
Synonyms	CYTH1; cytohesin 1; pleckstrin homology, Sec7 and coiled coil domains 1 , PSCD1; cytohesin-1; B2 1; D17S811E; cytoadhesin 1; SEC7 homolog B2-1; homolog of secretory protein SEC7; pleckstrin homology, Sec7 and coiled-coil domains 1; PH, SEC7 and coiled-coil domain-containing protein 1; B2-1; SEC7; PSCD1; CYTOHESIN-1; FLJ34050; FLJ41900;
Gene ID	9267
mRNA Refseq	NM_004762
Protein Refseq	NP_004753
MIM	182115
UniProt ID	Q15438
Chromosome Location	17q25

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Pathway	Class I PI3K signaling events, organism-specific biosystem;
Function	ARF guanyl-nucleotide exchange factor activity; protein binding;