

## 32-13188: CYTH1 Human

**Alternative Name :** Cytohesin 1, D17S811E, PH, SEC7 And Coiled-Coil Domain-Containing Protein 1, Pleckstrin Homology, Sec7 And Coiled-Coil Domains 1, SEC7 Homolog B2-1, PSCD1, SEC7, Homolog Of Secretory Protein SEC7, Cytoadhesin 1, CYTOHESIN-1, B2-1, Cytohesin-1.

### Description

Source: E.coli.

Sterile Filtered colorless solution.

Cytohesin 1 also known as CYTH1 belongs to the PSCD family. CYTH1 is responsible for promoting guanine-nucleotide exchange on ARF1 and ARF5 and also promotes the activation of ARF factors by the replacement of GDP with GTP.

CYTH1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 421 amino acids (1-398 a.a) and having a molecular mass of 48.8kDa. CYTH1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Greater than 85% as determined by SDS-PAGE.

**Content :** CYTH1 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMEEDDSY VPSDLTAEER QELENIRRRK QELLADIQRL KDEIAEVANE IENLGSTEER KNMQRNKQVA MGRKKFNMDP KKGIFLIEN DLLKNTCEDI AQFLYKGEGL NKTAIGDYLG ERDEFNIQVL HAFVELHEFT DLNLVQALRQ FLWSFRLPGE AQKIDRMMEA FAQRYCQCNN GVFQSTDTCTY VLSFAIIMLN TSLHNPNVKD KPTVERFIAM NRGINDGGDL PEELLRNLYE SIKNEPFKIP EDDGNDLTHT FFNPDREGWL LKLGGRVKT WKRRWFILTD NCLYFYEYTT DKEPRGIIPL ENLSIREVED SKKPNCFELY IPDNKDQVIK ACKTEADGRV VEGNHTVYRI SAPTPEEKKEE WIKCIKAAIS RDPFYEMLAA RKKKVSSTKR H.