

**CYTH1, 1-398aa, Human, His tag, E.coli**

**Cat.NO.: TP01821**

3th Edition

**Synonyms:**Cytohesin1 isofirm1, B2-1, CYTOHESIN-1, D17S811E, PSCD1, SEC7

**Description:**CYTH1 also known as Cytohesin1 isofirm1. 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

**Form:**Liquid. In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

**Molecular Weight:**48.8 kDa (421aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMEEDDSYVPSDLTAEERQELNIRRRKQELLADIQRLKDEIAEVANEIENLGS  
TEERKNMQRNKQVAMGRKKFNMDPKKGIQFLIENDLLKNTCEDIAQFLYKGEGLNKTAIGDYLGERDEFNIQVLHAF  
VELHEFTDLNLVQALRQFLWSFRLPGEAQKIDRMMEAFQRYCQCNGGVFQSTDTCYVLSFAIIMLNTSLHNPVVK  
DKPTVERFIAMNRGINDGGDLPEELLRNLYESIKNEPFKIPEDDGNDLTHFFNPDREGWLLKLGGGRVKTWKRRW  
FILTDNCLYYFEYTTDKPRGIIPLENLSIREVEDSKKPNCFELYIPDNKDQVIKACKTEADGRVVEGNHTVYRISAPT  
PEEKEEWIKCIKAAISRDPFYEMLAARKKKVSSTKRH

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.