

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:

MGSSHHHHHSSGLVPRGSHMGSMEEEDSYVPSDLTAEERQELENIRRRKQELLADIQRLKDEIAEVANEIENLGS
TEERKNMQRNKQVAMGRKKFNMDPKKGIQFLIENDLLKNTCEDIAQFLYKGEGLNKTAIGDYLGGERDEFNIQVLHAF
VELHEFTDLNLVQALRQFLWSFRLPGEAQKIDRMMEAFQRYCQCNGVVFQSTDTCYVLSFAIIMLNTSLHNPVK
DKPTVERFIAMNRGINDGGDLPEELLRNLYESIKNEPFKIPEDDGNDLTHFFNPDREGWLLKLGGRVKTWKRRW
FILTDNCLYYFEYTTDKPRGIIPLENLSIREVEDSKKPNCFELYIPDNKDQVIKACKTEADGRVVEGNHTVYRISAPT
PEEKKEWIKCIKAAISRDPFYEMLAARKKKVSSTKRH

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.