

CYTH2, 1-399aa, Human, His tag, E.coli

Cat.NO.: TP01822

3th Edition

Synonyms:Cytohesin 2, ARNO, CTS18, CTS18.1, PSCD2, PSCD2L, SEC7L, Sec7p-L, Sec7p-like.

Description:CYTH2, also known as Cytohesin-2 and ARNO, is an ARF-1 guanine nucleotide exchange factor (GEF). ARF (ADP ribosylation factor) proteins, a group within the RAS superfamily, are GTP-binding proteins central to the process of vesicle budding. This protein promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Also it promotes the activation of ARF factors through replacement of GDP with GTP.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:48.9 kDa (422aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMEDGVYEPDLTPEERMELNIRRRKQELLVEIQRLREELSEAMSEVEGLEA
NEGSKTLQRNRKMMAMGRKKFNMDPKKGIQFLVENELLQNTPEEIRFLYKGEGLNKTAIGDYLGEREELNLAVLHA
FVDLHEFTDLNLVQALRQFLWSFRLPGEAQKIDRMMEAFQAQRYCLCNPGVFQSTDTCYVLSFAVIMLNTSLHNPV
RDKPGLERFVAMNRGINEGGDLPEELLRNLYDSIRNEPFKIPEDDGNDLTHFFNPDREGWLLKLGGRVKTWKRR
WFILTDNCLYYFEYTTDKPRGIIPLENLSIREVDDPRKPNCFELYIPNNKGQLIKACKTEADGRVVEGNHMYRISAP
TQEEKDEWIKSIQAAVSVDPFYEMLAARKKRISVKKKQEQP

Purity:> 95% by HPLC

Concentration:1 mg/ml

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.