
Product Data Sheet

Product Name: CYTH1 Human
 Cat. No.: GP23286
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cytohesin 1; D17S811E; PH; SEC7 And Coiled-Coil Domain-Containing Protein 1; Pleckstrin Homology; Sec7 And Coiled-Coil Domains1; SEC7 Homolog B2-1; PSCD1; SEC7; Homolog Of Secretory Protein SEC7; Cytoadhesin1; CYTOHESIN-1; B2-1; Cytohesin-1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMEEDDSY VPSDLTAEER QELENIRRRK QELLADIQRL KDEIAEVANEIENLGSTEER KNMQRNKQVA MGRKKFNMDP KKGIFLIEN DLLKNTCEDI AQFLYKGEGL NKTAIGDYLGDEFNIQVL HAFVELHEFT DLNLVQALRQ FLWSFRLPGE AQKIDRMMEA FAQRYCQCNN GVFQSTDTCYVLSFAIIMLN TSLHNPVVD KPTVERFIAM NRGINDGGDL PEELLRNLYE SIKNEPFKIP EDDGNDLHTFFNPREGWL LKLGGRVKT WKRRWFILTD NCLYFFEYTT DKEPRGIPL ENLSIREVED SKKPNCFELYIPDNKDQVIK ACKTEADGRV VEGNHTVYRI SAPTPEEKKEE WIKCIKAAIS RDPFYEMLA RKKKVSSTKR H.		
Formulation	CYTH1 protein solution (0.5mg/ml) containing Phosphatebuffered saline (pH7.4), 10% glycerol and 1mM DTT.		

Introduction

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.

Stability

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

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.

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