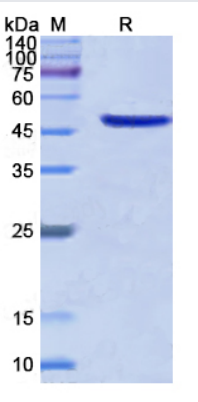
CYTH1 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	CYTH1, Recombinant Protein
Full Product Name	Recombinant Human CYTH1, N-His
Product Gene Name	CYTH1 recombinant protein
Product Synonym Names	Cytohesin-1; PH; SEC7 and coiled-coil domain-containing protein 1; D17S811E; SEC7 homolog B2-1; CYTH1; PSCD1
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt.
Molecular Weight	39,470 Da
Sequence Positions	Met1-His398
OMIM	182115
3D Structure	ModBase 3D Structure for Q15438
Species	Human
Reconstitution	Reconstitute in sterile water for a stock solution.
Product Categories/Family for CYTH1 recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for CYTH1 recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for CYTH1 recombinant protein	MBS1574747 is a recombinant protein targeting CYTH1. Also known as Recombinant Human CYTH1, N-His. Host: E coli.
Other Notes	Small volumes of CYTH1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of CYTH1 recombinant protein
SDS PAGE for recombinant Human CYTH1 protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CYTH1. It may not necessarily be applicable to this product.

NCBI GI #	635372927
NCBI GeneID	9267
NCBI Accession #	NP_001278947.1
UniProt Primary Accession #	Q15438
UniProt Secondary Accession #	Q9P123; Q9P124; A6NFW7; B7Z1T4
UniProt Related Accession #	Q15438
GenBank Nucleotide #	NM_001292018.1
NCBI Official Full Name	cytohesin-1 isoform 3
NCBI Official Synonym Full Names	cytohesin 1
NCBI Official Symbol	CYTH1
NCBI Official Synonym Symbols	B2-1; SEC7; PSCD1; D17S811E; CYTOHESIN-1
UniProt Protein Name	Cytohesin-1
UniProt Synonym Protein Names	PH, SEC7 and coiled-coil domain-containing protein 1; SEC7 homolog B2-1
Protein Family	Cytohesin
UniProt Gene Name	CYTH1
UniProt Synonym Gene Names	D17S811E; PSCD1
UniProt Entry Name	CYH1_HUMAN
NCBI Protein Information	cytohesin-1

UniProt Comments for CYTH1	cytohesin 1: Promotes guanine-nucleotide exchange on ARF1 and ARF5. Promotes the activation of ARF through replacement of GDP with GTP. 2 isoforms of the human protein are produced by alternative splicing. Protein type: GEFs; GEFs, ARF; Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 17q25 Cellular Component: cytoplasm; cytosol; extrinsic to internal side of plasma membrane; Golgi membrane; plasma membrane Molecular Function: ARF guanyl-nucleotide exchange factor activity; protein binding Biological Process: regulation of cell adhesion; vesicle-mediated transport
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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