Ingression Protein 1 (INN1) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ingression protein 1 (INN1), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Ingression protein 1 (INN1)
Product Gene Name	INN1 recombinant protein
Sequence	MSEEVWNGNQ GILSVYVSKA RDLPNLNKLD KQNVMLRLRI AHMTRASNTL HRAGQNPVFH YLEKFDITPE IKPLMYVEVY CDRRKKSPLP IGRCEIDLLN AIRADPKEGY CTWYELKRSG DEFAGTIFIE LTFTPKVPRL NRDDLNKEMD RLDSSMAMRP IPPLPTESEY DYVHGSTMRQ ITPQCVSTSH EDKDEGQPYR NGNVFSMSSK SDTAVLANSN DPIILPPTFS ASMGTTSTLE TNDTAISNTS NTKFHFANLR KLKEKINIFK NPDSSTNNCQ NESNKVDIEA LQKAIGVTSL SYDEDDDDDD ENDAFYSSSH RVSHNYNQPP LPPIPTRDDM SNYSSSRNTP LVRRDRPSRL DSSSPNSHPH PSGLNSPKLP PLPTTSNSNF NSRKNSMSPT RKRPPPRLS
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	46,226 Da
Sequence Positions	1-409, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P53901
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for INN1 recombinant protein	MBS1236295 is a recombinant protein targeting INN1. Also known as Recombinant Saccharomyces cerevisiae Ingression protein 1 (INN1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of INN1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for INN1. It may not necessarily be applicable to this product.

NCBI GI #	6324177
NCBI GeneID	855570
NCBI Accession #	NP_014247.1
UniProt Primary Accession #	P53901
UniProt Secondary Accession #	Q6Q5J6; D6W131

UniProt Related Accession #	P53901
GenBank Nucleotide #	NM_001182990.1
NCBI Official Full Name	Inn1p
NCBI Official Symbol	INN1
UniProt Protein Name	Ingression protein 1
Protein Family	Ingression protein
UniProt Gene Name	INN1
NCBI Protein Information	Inn1p
UniProt Comments for INN1	Required for the ingression of the plasma membrane into the bud neck at the end of cytokinesis, leading to the separation of the mother and daughter cells. Stimulates the synthesis of the primary septum (PS) by CHS2.
Research Articles on INN1	**1.** a new and widely applicable tool to generate conditionally phosphorylated proteins to identify those whose dephosphorylation is required for cytokinesis. This approach identifies Aip1, Ede1 and Inn1 as cytokinetic regulators.
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