Phosphoribosylglycinamide Formyltransferase (ade5) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoribosylglycinamide formyltransferase (ade5), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Phosphoribosylglycinamide formyltransferase (ade5)
Product Gene Name	ade5 recombinant protein
Product Synonym Gene Name	ade5
Sequence	MVASLVVLIS GSGSNLQAII DATLNGVLKG EAAVTHVLSN RKNAYGLERA AKAGIPTSLH TLLPYKKEYG PEIGRKKYDA ELAEKIIKLQ PSLVVCAGWM HILSPEVLIP LETNKIGIIN LHPALPGAFN GIHAIERAFE AAQQGKITHT GAMVHWVIAA VDEGKPIIVQ EVPILSTDSI EALEEKIHAA EHVILVQAIH QIITDNK
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	22,252 Da
Sequence Positions	1-207, Full length
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 Q9UUK7
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ade5 recombinant protein	MBS1471278 is a recombinant protein targeting ade5. Also known as Recombinant Schizosaccharomyces pombe Phosphoribosylglycinamide formyltransferase (ade5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ade5 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 ade5. It may not necessarily be applicable to this product.

NCBI GI #	162312137
NCBI GeneID	2538712
NCBI Accession #	XP_001713172.1
UniProt Primary Accession #	Q9UUK7
UniProt Secondary Accession #	Q9UU36; Q9Y7S7

GenBank Nucleotide #	XM_001713120.2
NCBI Official Symbol	ade5
UniProt Protein Name	Phosphoribosylglycinamide formyltransferase
UniProt Synonym Protein Names	5'-phosphoribosylglycinamide transformylase; GAR transformylase; GART
UniProt Gene Name	ade5
UniProt Synonym Gene Names	ade8; GART
NCBI Protein Information	phosphoribosylglycinamide formyltransferase (predicted)
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