Foldase Protein Prsa (prsA) Thermoanaerobacter Tengcongensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Foldase protein prsA (prsA), Recombinant Protein
Full Product Name	Recombinant Thermoanaerobacter tengcongensis Foldase protein prsA (prsA)
Product Gene Name	prsA recombinant protein
Product Synonym Gene Name	prsA; TTE2564
Product Synonym Names	Foldase protein prsA; EC=5.2.1.8
Sequence	CSSKKEAVSG DVVAVVNGEK ITNAEYQQIF EQVKEQIESA PTYTKDIWNQ DYQGKKFLDF VKENVLDSLV AQKLLVQEAK KKNITVTDKE VEEEYNKEKQ FNSKVTKEQI REYLLIDKLL AEYTKDVKVT DEELKKYYDE HKESFEVMRA RHILVADEKT AEDIYQRLMK GEDFAALAKE YSIDTATKDN GGDLGEFPHG VMVPEFEEAA FSLKLGEISK PVKTQYGYHI IKSEGITVKP FDEVKGTIES YLLNDKKNKV IKEKYDELVK ASKIQKFPEN IKVKVG
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	35,105 Da
Sequence Positions	21-306aa; 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 Q8R760
Species	Thermoanaerobacter tengcongensis (strain DSM 15242 / JCM 11007 / NBRC 100824 / MB4) (Caldanaerobacter subterraneus subsp. tengcongensis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for prsA recombinant protein	MBS1312459 is a recombinant protein targeting prsA. Also known as Recombinant Thermoanaerobacter tengcongensis Foldase protein prsA (prsA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of prsA 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 prsA. It may not necessarily be applicable to this product.

NCBI GI #	20808913
NCBI GeneID	996134
NCBI Accession #	NP_624084.1
UniProt Primary Accession #	Q8R760

UniProt Related Accession #	Q8R760
GenBank Nucleotide #	NC_003869.1
NCBI Official Full Name	parvulin-like peptidyl-prolyl isomerase
NCBI Official Symbol	SurA2
UniProt Protein Name	Foldase protein PrsA
Protein Family	Foldase protein
UniProt Gene Name	prsA
UniProt Entry Name	PRSA_THETN
NCBI Protein Information	parvulin-like peptidyl-prolyl isomerase
UniProt Comments for prsA	Plays a major role in protein secretion by helping the post-translocational extracellular folding of several secreted proteins.
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