Protein STE50 (STE50) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein STE50 (STE50), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Protein STE50 (STE50)
Product Gene Name	STE50 recombinant protein
Sequence	MEDGKQAINE GSNDASPDLD VNGTILMNNE DFSQWSVDDV ITWCISTLEV EETDPLCQRL RENDIVGDLL PELCLQDCQD LCDGDLNKAI KFKILINKMR DSKLEWKDDK TQEDMITVLK NLYTTTSAKL QEFQSQYTRL RMDVLDVMKT SSSSSPINTH GVSTTVPSSN NTIIPSSDGV SLSQTDYFDT VHNRQSPSRR ESPVTVFRQP SLSHSKSLHK DSKNKVPQIS TNQSHPSAVS TANTPGPSPN EALKQLRASK EDSCERILKN AMKRHNLADQ DWRQYVLVIC YGDQERLLEL NEKPVIIFKN LKQQGLHPAI MLRRRGDFEE VAMMNGSDNV TPGGRL
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	38,971 Da
Sequence Positions	1-346, 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 P25344
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for STE50 recombinant protein	MBS1160903 is a recombinant protein targeting STE50. Also known as Recombinant Saccharomyces cerevisiae Protein STE50 (STE50). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of STE50 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 STE50. It may not necessarily be applicable to this product.

NCBI GI #	6319817
NCBI GeneID	850325
NCBI Accession #	NP_009898.1
UniProt Primary Accession #	P25344
UniProt Secondary Accession #	Q3S1N2; D6VQY3
UniProt Related Accession #	P25344

GenBank Nucleotide #	NM_001178677.1
NCBI Official Full Name	Ste50p
NCBI Official Symbol	STE50
UniProt Protein Name	Protein STE50
Protein Family	Protein
UniProt Gene Name	STE50
NCBI Protein Information	Ste50p
UniProt Comments for STE50	Involved in growth arrest during conjugation. May interact with the G protein alpha subunit.Miscellaneous: Present with 1670 molecules/cell in log phase SD medium.
Research Articles on STE50	**1.** Dynamic regulation of Ste50-Opy2 interaction fine-tunes the MAPK signaling network.
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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