Serine/Threonine-Protein Kinase Ste-20 (ste-20) Neurospora Crassa Recombinant Protein

PRODUCT OVERVIEW

Product Name	Serine/threonine-protein kinase ste-20 (ste-20), Recombinant Protein
Full Product Name	Recombinant Neurospora crassa Serine/threonine-protein kinase ste-20 (ste-20), partial
Product Gene Name	ste-20 recombinant protein
Product Synonym Gene Name	ste-20
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	103,792 Da
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 Q7RZD3
Species	Neurospora crassa (strain 24698 / 74-OR23-1A / CBS 708.71 / DSM 1257 / FGSC 987)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ste-20 recombinant protein	MBS1463599 is a recombinant protein targeting ste-20. Also known as Recombinant Neurospora crassa Serine/threonine-protein kinase ste-20 (ste-20), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ste-20 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 ste-20. It may not necessarily be applicable to this product.

NCBI GI #	758998441
NCBI GeneID	3873759
NCBI Accession #	XP_011394882.1
UniProt Primary Accession #	Q7RZD3
UniProt Secondary Accession #	V5ILJ2
UniProt Related Accession #	Q7RZD3
GenBank Nucleotide #	XM_011396580.1
NCBI Official Full Name	serine/threonine-protein kinase ste-20
NCBI Official Symbol	stk-4

UniProt Protein Name	Serine/threonine-protein kinase ste20
UniProt Synonym Protein Names	Serine/threonine protein kinase 4
UniProt Gene Name	stk-4
UniProt Synonym Gene Names	ste20
NCBI Protein Information	serine/threonine-protein kinase ste-20; serine/threonine-protein kinase ste-20, variant 1; serine/threonine-protein kinase ste-20, variant 2
UniProt Comments for ste-20	MAP4K component of the MAPK pathway required for the mating pheromone response and the regulation of cell polarity and cell cycle. Phosphorylates histone H2B to form H2BS10ph ().
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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