Transcription Elongation Factor SPT4 (SPT4) Candida Albicans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcription elongation factor SPT4 (SPT4), Recombinant Protein
Full Product Name	Recombinant Candida albicans Transcription elongation factor SPT4 (SPT4)
Product Gene Name	SPT4 recombinant protein
Product Synonym Gene Name	SPT4
Sequence	MSSRSERACM LCGIIQPMKS FIDYGCPNCE SLLHYQYNDN KQVQDCTSPS FEGLVALGED NKGSWVARWL RIDSFTAGLY AVKVNGKLPP SIIAELEEQN VIYRPRDGSA ED
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	12,538 Da
Sequence Positions	1-112, 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 Q5AK73
Species	Candida albicans (strain SC5314 / MYA-2876) (Yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SPT4 recombinant protein	MBS1412546 is a recombinant protein targeting SPT4. Also known as Recombinant Candida albicans Transcription elongation factor SPT4 (SPT4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SPT4 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 SPT4. It may not necessarily be applicable to this product.

NCBI GI #	68468034
NCBI GeneID	3636395
NCBI Accession #	XP_721856.1
UniProt Primary Accession #	Q5AK73
UniProt Secondary Accession #	A0A1D8PP05
UniProt Related Accession #	Q5AK73

GenBank Nucleotide #	XM_716763.1
NCBI Official Full Name	transcription elongation factor
NCBI Official Symbol	CAALFM_C504630WA
UniProt Protein Name	Transcription elongation factor SPT4
UniProt Synonym Protein Names	Chromatin elongation factor SPT4
Protein Family	Transcription elongation factor
UniProt Gene Name	SPT4
NCBI Protein Information	transcription elongation factor
UniProt Comments for SPT4	The SPT4-SPT5 complex mediates both activation and inhibition of transcription elongation, and plays a role in pre-mRNA processing. This complex seems to be important for the stability of the RNA polymerase II elongation machinery on the chromatin template but not for the inherent ability of this machinery to translocate down the gene ().
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