Tethering Factor for Nuclear Proteasome STS1 (STS1) Phaeosphaeria Nodorum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tethering factor for nuclear proteasome STS1 (STS1), Recombinant Protein
Full Product Name	Recombinant Phaeosphaeria nodorum Tethering factor for nuclear proteasome STS1 (STS1)
Product Gene Name	STS1 recombinant protein
Product Synonym Gene Name	STS1; SNOG_05250
Product Synonym Names	Tethering factor for nuclear proteasome STS1
Sequence	MNAIHGSFTP PHLLNNRHSP TRNIYPSSAM TGRKRKADDD GSSDDRMSAS PSISSAELPR QQPRHMKRMR TNLSGRPLPL PRLLETLSAD EMRNLLQSIC QRHPDIGNEV VSTAPRPSIQ STLEVLSKYE SAFQSAFPFG GRASSDYAYN RVRQQLIELL ESLKDFTPHY LPPNEQQSAT SLAFLDGATE IIHRLPNWDT YQHNRHKEEA YEEMAKAWAI VFREAAKKAG GIQLQYGGWD QKIAKHNEHS GGKMQEAVNE LRGGLGWMGA DAPAPAASGP EDAMSIRQQL LSGNYGMGSS ASIGAW
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	33,892 Da
Sequence Positions	1-306aa; 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 Q0USL4
Species	Phaeosphaeria nodorum (strain SN15 / MYA-4574 / FGSC 10173) (Glume blotch fungus) (Septoria nodorum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for STS1 recombinant protein	MBS1454275 is a recombinant protein targeting STS1. Also known as Recombinant Phaeosphaeria nodorum Tethering factor for nuclear proteasome STS1 (STS1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of STS1 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 STS1. It may not necessarily be applicable to this product.

NCBI GI #	169604474
NCBI GeneID	5972533
NCBI Accession #	XP_001795658.1

UniProt Primary Accession #	Q0USL4
UniProt Related Accession #	Q0USL4
GenBank Nucleotide #	XM_001795606.1
NCBI Official Full Name	hypothetical protein SNOG_05250
NCBI Official Symbol	SNOG_05250
UniProt Protein Name	Tethering factor for nuclear proteasome STS1
Protein Family	Pinosylvin synthase
UniProt Gene Name	STS1
UniProt Entry Name	STS1_PHANO
NCBI Protein Information	hypothetical protein
UniProt Comments for STS1	Involved in ubiquitin-mediated protein degradation. Regulatory factor in the ubiquitin/proteasome pathway that controls the turnover of proteasome substrates. Targets proteasomes to the nucleus and facilitates the degradation of nuclear proteins ().
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