SAGA-Associated Factor 11 (SGF11) Candida Glabrata Recombinant Protein

PRODUCT OVERVIEW

Product Name	SAGA-associated factor 11 (SGF11), Recombinant Protein
Full Product Name	Recombinant Candida glabrata SAGA-associated factor 11 (SGF11)
Product Gene Name	SGF11 recombinant protein
Product Synonym Gene Name	SGF11; CAGL0L12738g
Product Synonym Names	SAGA-associated factor 11
Sequence	MTEQHETIQS VTDGIYNNLV TSMIHSIVSK ETAREKLLRS RYGSYKQYHY DPNSQLDIHG NPKQQDSSQY FYCENCGREV SGNRFAAHLQ RCLTRGSRR
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	11,531 Da
Sequence Positions	1-99aa; 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 Q6FKC2
Species	Candida glabrata (strain 2001 / CBS 138 / JCM 3761 / NBRC 0622 / NRRL Y-65) (Yeast) (Torulopsis glabrata)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SGF11 recombinant protein	MBS1395133 is a recombinant protein targeting SGF11. Also known as Recombinant Candida glabrata SAGA-associated factor 11 (SGF11). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SGF11 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 SGF11. It may not necessarily be applicable to this product.

NCBI GI #	50293821
NCBI GeneID	2890608
NCBI Accession #	XP_449322.1
UniProt Primary Accession #	Q6FKC2
UniProt Related Accession #	Q6FKC2

GenBank Nucleotide #	XM_449322.1
NCBI Official Full Name	hypothetical protein
NCBI Official Symbol	CAGL0L12738g
UniProt Protein Name	SAGA-associated factor 11
Protein Family	SAGA-associated factor
UniProt Gene Name	SGF11
UniProt Entry Name	SGF11_CANGA
NCBI Protein Information	hypothetical protein
UniProt Comments for SGF11	Functions as component of the transcription regulatory histone acetylation (HAT) complex SAGA. At the promoters, SAGA is required for recruitment of the basal transcription machinery. It influences RNA polymerase II transcriptional activity through different activities such as TBP interaction and promoter selectivity, interaction with transcription activators, and chromatin modification through histone acetylation and deubiquitination. SAGA acetylates nucleosomal histone H3 to some extent (to form H3K9ac, H3K14ac, H3K18ac and H3K23ac). SAGA interacts with DNA via upstream activating sequences (UASs). Involved in transcriptional regulation of a subset of SAGA-regulated genes. Within the SAGA complex, participates in a subcomplex, that specifically deubiquitinates histones H2B.
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