SAGA-Associated Factor 11 Homolog 2 (SGF11-2) Drosophila Grimshawi Recombinant Protein

PRODUCT OVERVIEW

Product Name	SAGA-associated factor 11 homolog 2 (Sgf11-2), Recombinant Protein
Full Product Name	Recombinant Drosophila grimshawi SAGA-associated factor 11 homolog 2 (Sgf11-2)
Product Gene Name	Sgf11-2 recombinant protein
Sequence	MANSNTNQLH PLGATTSQTF ITALNHTAAS TIAINFRELI KEPKELDEAS NYLYQALLDD VVAGIFIETH HLRKTGNLAA LDGVGEENLE SAFHICEMPN LDIFGISTAK KQMDCTCPNC DRLVAAARFA PHLEKCMGMG RISSRIASRR LATKEGSSAS TSSTSTYLQS GGNTGGTDDE DDVDWSSDKR KKKSTQSSRN NGSKKNNGKT F
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	22,864 Da
Sequence Positions	1-211, 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 B4J1U5
Species	Drosophila grimshawi (Fruit fly) (Idiomyia grimshawi)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Sgf11-2 recombinant protein	MBS1233409 is a recombinant protein targeting Sgf11-2. Also known as Recombinant Drosophila grimshawi SAGA-associated factor 11 homolog 2 (Sgf11-2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Sgf11-2 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 Sgf11-2. It may not necessarily be applicable to this product.

NCBI GI #	195022991
NCBI GeneID	6558802
NCBI Accession #	XP_001985677.1
UniProt Primary Accession #	B4J1U5
UniProt Related Accession #	B4J1U5
GenBank Nucleotide #	XM_001985641.1

NCBI Official Full Name	GH17199
NCBI Official Symbol	DgriGH17199
NCBI Official Synonym Symbols	dgri_GLEANR_16830; GH17199
UniProt Protein Name	SAGA-associated factor 11 homolog 2
Protein Family	SAGA-associated factor
UniProt Gene Name	Sgf11-2
NCBI Protein Information	GH17199 gene product from transcript GH17199-RA
UniProt Comments for Sgf11-2	Component of the transcription regulatory histone acetylation (HAT) complex SAGA, a multiprotein complex that activates transcription by remodeling chromatin and mediating histone acetylation and deubiquitination. Within the SAGA complex, participates in a subcomplex that specifically deubiquitinates histone H2B. The SAGA complex is recruited to specific gene promoters by activators, where it is required for transcription. Required for nuclear receptor-mediated transactivation. Binds independently on SAGA to promoters in an RNA-dependent manner. Binds to mRNA and is essential for total mRNA export from the nucleus. Required to counteract heterochromatin silencing. Controls the development of neuronal connectivity in visual system by being required for accurate axon targeting in the optic lobe. Required for expression of ecdysone-induced genes such as br/broad.
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