2s Seed Storage Protein (HAG5) Helianthus Annuus Recombinant Protein

PRODUCT OVERVIEW

Product Name	2S seed storage protein (HAG5), Recombinant Protein
Full Product Name	Recombinant Helianthus annuus 2S seed storage protein (HAG5)
Product Gene Name	HAG5 recombinant protein
Sequence	IDIPFRDRPF GTGSQQCRET EIQRPVGECQ RFVEQQMQQS PRSTRPYQQR PGQQQQQQRG LQQQCCNELQ NVKRECHCEA IQEVARRVMR QPQQQQQQRR GQFGGQEMET ARRVIQNLPN QCDLEVQQCT TCTG
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	34,071 Da
Sequence Positions	162-295, 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 P15461
Species	Helianthus annuus (Common sunflower)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HAG5 recombinant protein	MBS1256590 is a recombinant protein targeting HAG5. Also known as Recombinant Helianthus annuus 2S seed storage protein (HAG5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HAG5 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 HAG5. It may not necessarily be applicable to this product.

NCBI GI #	112744
NCBI Accession #	P15461.1
UniProt Primary Accession #	P15461
NCBI Official Full Name	2S seed storage protein
UniProt Protein Name	2S seed storage protein
UniProt Synonym Protein Names	2S albumin storage protein
Protein Family	2S seed storage protein

UniProt Gene Name	HAG5
UniProt Comments for HAG5	This is a 2S seed storage protein.
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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