Alpha/Beta-Gliadin A-III Triticum Aestivum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Alpha/beta-gliadin A-III, Recombinant Protein
Full Product Name	Recombinant Triticum aestivum Alpha/beta-gliadin A-III
Sequence	VRVPVPQLQP QNPSQQQPQE QVPLMQQQQQ FPGQQEQFPP QQPYPHQQPF PSQQPYPQPQ PFPPQLPYPQ TQPFPPQQPY PQPQPQYPQP QQPISQQQAQ QQQQQQQTLQ QILQQQLIPC RDVVLQQHNI AHASSQVLQQ SSYQQLQQLC CQQLFQIPEQ SRCQAIHNVV HAIILHHHQQ QQQQPSSQVS YQQPQEQYPS GQVSFQSSQQ NPQAQGSVQP QQLPQFQEIR NLALQTLPAM CNVYIPPYCS TTIAPFGIFG TN
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	32,236 Da
Sequence Positions	21-282, 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 P04723
Species	Triticum aestivum (Wheat)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Alpha/beta-gliadin A-III recombinant protein	MBS1259278 is a recombinant protein targeting Alpha/beta-gliadin A-III. Also known as Recombinant Triticum aestivum Alpha/beta-gliadin A-III. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Alpha/beta-gliadin A-III 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 Alpha/beta-gliadin A-III. It may not necessarily be applicable to this product.

NCBI GI #	121092
NCBI Accession #	P04723.1
UniProt Primary Accession #	P04723
NCBI Official Full Name	Alpha/beta-gliadin A-III
UniProt Protein Name	Alpha/beta-gliadin A-III
UniProt Synonym Protein Names	Prolamin

Protein Family	Alpha/beta-gliadin
UniProt Comments for Alpha/beta-gliadin A-III	Gliadin is the major seed storage protein in wheat.
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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