Alpha-Amylase/Trypsin Inhibitor CM3 Triticum Aestivum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Alpha-amylase/trypsin inhibitor CM3, Recombinant Protein
Full Product Name	Recombinant Triticum aestivum Alpha-amylase/trypsin inhibitor CM3
Sequence	SGSCVPGVAF RTNLLPHCRD YVLQQTCGTF TPGSKLPEWM TSASIYSPGK PYLAKLYCCQ ELAEISQQCR CEALRYFIAL PVPSQPVDPR SGNVGESGLI DLPGCPREMQ WDFVRLLVAP GQCNLATIHN VRYCPAVEQP LWI
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	18,221 Da
Sequence Positions	26-168aa; Full Length of Mature 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 P17314
Species	Triticum aestivum (Wheat)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Alpha-amylase/trypsin inhibitor CM3 recombinant protein	MBS1013554 is a recombinant protein targeting Alpha-amylase/trypsin inhibitor CM3. Also known as Recombinant Triticum aestivum Alpha-amylase/trypsin inhibitor CM3. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Alpha-amylase/trypsin inhibitor CM3 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-amylase/trypsin inhibitor CM3. It may not necessarily be applicable to this product.

NCBI GI #	123957
NCBI Accession #	P17314.1
UniProt Primary Accession #	P17314
NCBI Official Full Name	Alpha-amylase/trypsin inhibitor CM3
UniProt Protein Name	Alpha-amylase/trypsin inhibitor CM3
UniProt Synonym Protein Names	Chloroform/methanol-soluble protein CM3
Protein Family	Alpha-amylase/trypsin inhibitor

UniProt Comments for Alpha-amylase/trypsin inhibitor CM3	Alpha-amylase/trypsin inhibitor. It could be involved in insect defense mechanisms.
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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