Endogenous Alpha-Amylase/Subtilisin Inhibitor Triticum Aestivum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Endogenous alpha-amylase/subtilisin inhibitor, Recombinant Protein
Full Product Name	Recombinant Triticum aestivum Endogenous alpha-amylase/subtilisin inhibitor
Sequence	DPPPVHDTDG NELRADANYY VLPANRAHGG GLTMAPGHGR RCPLFVSQEA DGQRDGLPVR IAPHGGAPSD KIIRLSTDVR ISFRAYTTCV QSTEWHIDSE LVSGRRHVIT GPVRDPSPSG RENAFRIEKY SGAEVHEYKL MACGDSCQDL GVFRDLKGGA WFLGATEPYH VVVFKKAPPA
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	19,633 Da
Sequence Positions	1-180, 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 P16347
Species	Triticum aestivum (Wheat)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Endogenous alpha-amylase/subtilisin inhibitor recombinant protein	MBS1010857 is a recombinant protein targeting Endogenous alpha-amylase/subtilisin inhibitor. Also known as Recombinant Triticum aestivum Endogenous alpha-amylase/subtilisin inhibitor. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Endogenous alpha-amylase/subtilisin inhibitor 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 Endogenous alpha-amylase/subtilisin inhibitor. It may not necessarily be applicable to this product.

NCBI GI #	123975
NCBI Accession #	P16347.1
UniProt Primary Accession #	P16347
NCBI Official Full Name	Endogenous alpha-amylase/subtilisin inhibitor
UniProt Protein Name	Endogenous alpha-amylase/subtilisin inhibitor
UniProt Synonym Protein Names	WASI
Protein Family	Endogenous alpha-amylase/subtilisin inhibitor

UniProt Comments for Endogenous alpha-amylase/subtilisin inhibitor	Inhibitor of endogenous alpha-amylase (wheat also produces an exogenous inhibitor which inactivates alpha-amylase from animal and insect origin). This inhibitor can also inhibit subtilisin.
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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