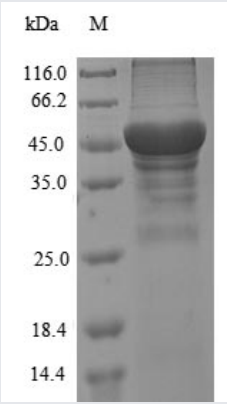
Pollen Allergen Amb a 1.2 (AgE) Ambrosia Artemisiifolia Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pollen allergen Amb a 1.2 (AgE), Recombinant Protein
Full Product Name	Recombinant Ambrosia artemisiifolia Pollen allergen Amb a 1.2
Product Gene Name	AgE recombinant protein
Product Synonym Names	Pollen allergen Amb a 1.2; Antigen Amb a I; Antigen E; AgE; Protein AaBA; Allergen=; Amb a 1.2
Sequence	AEDVEEFLPS ANETRRSLKA CEAHNIIDKC WRCKADWANN RQALADCAQG FAKGTYGGKH GDVYTVTSDK DDDVANPKEG TLRFAAAQNR PLWIIFKRNM VIHLNQELVV NSDKTIDGRG VKVNIVNAGL TLMNVKNIII HNINIHDIKV CPGGMIKSND GPPILRQQSD GDAINVAGSS QIWIDHCSLS KASDGLLDIT LGSSHVTVSN CKFTQHQFVL LLGADDTHYQ DKGMLATVAF NMFTDHVDQR MPRCRFGFFQ VVNNNYDRWG TYAIGGSSAP TILSQGNRFF APDDIIKKNV LARTGTGNAE SMSWNWRTDR DLLENGAIFL PSGSDPVLTP EQKAGMIPAE PGEAVLRLTS SAGVLSCHQG APC
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	42.8 kDa
Sequence Positions	26-398aa; 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 P27760
Species	Ambrosia artemisiifolia (Short ragweed)
Product Categories/Family for AgE recombinant protein	Allergen
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AgE recombinant protein	MBS1125255 is a recombinant protein targeting AgE. Also known as Recombinant Ambrosia artemisiifolia Pollen allergen Amb a 1.2. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. Has pectate lyase activity.
Other Notes	Small volumes of AgE 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.



SDS-PAGE of AgE recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AgE. It may not necessarily be applicable to this product.

NCBI GI #	113476
NCBI Accession #	P27760.1
UniProt Primary Accession #	P27760
UniProt Secondary Accession #	Q9S8F7
NCBI Official Full Name	Pectate lyase 1
UniProt Protein Name	Pectate lyase 1
UniProt Synonym Protein Names	Antigen Amb a I; Antigen E; AgE; Pollen allergen Amb a 1.2; Protein AaBA; Allergen: Amb a 1.2
UniProt Gene Name	AgE
UniProt Synonym Gene Names	AgE
UniProt Entry Name	PLY1_AMBAR
UniProt Comments for AgE	Has pectate lyase activity.
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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