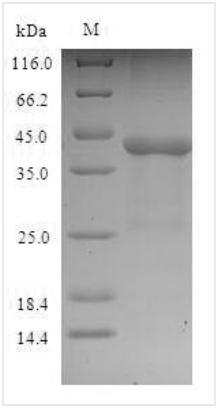
Pollen Allergen Phl P 1 (PHLPI) Phleum Pratense (Common Timothy) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pollen allergen Phl p 1 (PHLPI), Recombinant Protein
Full Product Name	Recombinant Phleum pratense (Common timothy) Pollen allergen Phl p 1
Product Gene Name	PHLPI recombinant protein
Product Synonym Names	Allergen Phl p I; Allergen: Phl p 1
Sequence	IPKVPPGPNI TATYGDKWLD AKSTWYGKPT GAGPKDNGGA CGYKDVDKPP FSGMTGCGNT PIFKSGRGCG SCFEIKCTKP EACSGEPVVV HITDDNEEPI APYHFDLSGH AFGAMAKKGD EQKLRSAGEL ELQFRRVKCK YPEGTKVTFH VEKGSNPNYL ALLVKYVNGD GDVVAVDIKE KGKDKWIELK ESWGAIWRID TPDKLTGPFT VRYTTEGGTK TEAEDVIPEG WKADTSYESK
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 degree C, for extended storage, conserve at -20 degree C or -80 degree C.
Molecular Weight	42.2 kDa
Sequence Positions	24-263aa; Full Length
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 P43213
Species	Phleum pratense (Common timothy)
Product Categories/Family for PHLPI recombinant protein	Allergen
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PHLPI recombinant protein	MBS1028024 is a recombinant protein targeting PHLPI. Also known as Recombinant Phleum pratense (Common timothy) Pollen allergen Phl p 1. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Product References and Citations for PHLPI recombinant protein	"Complementary DNA cloning of the major allergen Phl p I from timothy grass (Phleum pratense); recombinant Phl p I inhibits IgE binding to group I allergens from eight different grass species." Laffer S., Valenta R., Vrtala S., Susani M., van Ree R., Kraft D., Scheiner O., Duchene M. J. Allergy Clin. Immunol. 94:689-698(1994)
Other Notes	Small volumes of PHLPI 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 PHLPI recombinant protein

ADDITIONAL DETAILS

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

NCBI GI #	1171008
NCBI Accession #	P43213.1
UniProt Primary Accession #	P43213
NCBI Official Full Name	Pollen allergen Phl p 1
UniProt Protein Name	Pollen allergen Phl p 1
UniProt Synonym Protein Names	Allergen Phl p I; Allergen: Phl p 1
Protein Family	Pollen allergen
UniProt Gene Name	PHLPI
UniProt Entry Name	MPAP1_PHLPR
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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