



Recombinant Phleum pratense Pollen allergen Phl p 5b, partial

Product Code	CSB-EP671435EUQ-B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q40963
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Phleum pratense (Common timothy)
Purity	≥85% (SDS-PAGE)
Sequence	A DAGYAPATPA AAGAAAGKAT TEEQKLIEDI NVGFKA AVAA AASVPAADKF KTFEAAFTSS SKAAAAKAPG LVPKLDAAYS VAYKAAVGAT PEAKFDSFVA SLTEALRVIA GALEVHAVKP VTEEPGMAKI PAGELQIIDK IDAAFKVAAT AAATAPADDK FTVFEAAFNK AIKESTGGAY DTYKCI PSLE AAVKQAYAAT VAAAPQVKYA VFEEALTKAI TAMSEVQKVS QPATGAATVA AGAATTAAGA ASGAATVAAG GYKV
Source	E.coli
Target Names	N/A
Protein Names	Recommended name: Pollen allergen Phl p 5b Alternative name(s): Allergen Phl p Vb Allergen= Phl p 5b
Expression Region	20-284
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	partial
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.