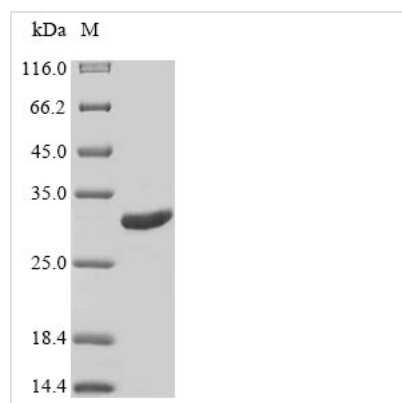




Recombinant Polistes fuscatus Venom allergen 5

Product Code	CSB-EP336080POI
Relevance	"Allergens in Hymenoptera venom. XXV: the amino acid sequences of antigen 5 molecules and the structural basis of antigenic cross-reactivity." Hoffman D.R. J. Allergy Clin. Immunol. 92:707-716(1993)
Abbreviation	Recombinant Polistes fuscatus Venom allergen 5 protein
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.	P35780
Product Type	Recombinant Protein
Immunogen Species	Polistes fuscatus (Paper wasp)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	VDYCKIKCSSGIHTVCQYGESTKPSKNCADKVIKSVGPTTEEEKKLIVNEHNRFR QKVAQGLETRGNPGPQPAASDMNNLVWNDELAHIAQVWASQCQILVHDKCR NTAKYQVGQNIAYAGGSKLPDVVSLIKLWENEVKDFNYNKGITKQNFQKVGHY TQMIWAKTKEIGCGSLKYMKNMQHHYLCNYGPAGNYLGQLPYTKK
Research Area	allergen
Source	E.coli
Protein Names	Allergen Pol f V Antigen 5
Expression Region	1-205aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	28.1kDa
Protein Length	Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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

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