



Recombinant Carpinus betulus Major pollen allergen Car b 1 isoforms 1A and 1B

Product Code	CSB-EP330956CEC-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.	P38949
Product Type	Recombinant Protein
Immunogen Species	Carpinus betulus (European hornbeam) (Carpinus caucasica)
Purity	>85% (SDS-PAGE)
Sequence	GVFNYEAET PSVIPAARLF KSYVLDGDKL IPKVAPQVIS SVENVGGNGG PGTIKNITFA EGIPFKFVKE RVDEVDNANF KYNNTVIEGD VLGDKLEKVS HELKIVAAPG GGSIVKISSK FHAKGYHEVN AEKMKGAKEM AEKLLRAVES YLLAHTAEYN
Source	E.coli
Protein Names	Recommended name: Major pollen allergen Car b 1 isoforms 1A and 1B Alternative name(s): Allergen Car b I Allergen= Car b 1
Expression Region	2-160
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	Full Length of Mature Protein
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.