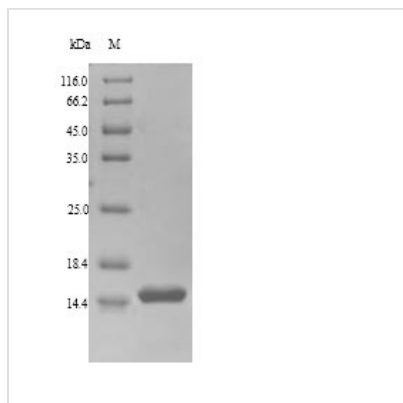




Recombinant Bertholletia excelsa 2S sulfur-rich seed storage protein 1 (BE2S1), partial

Product Code	CSB-YP356250BGJ
Relevance	This is a 2S seed storage protein.
Abbreviation	Recombinant Brazil nut BE2S1 protein, partial
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.	P04403
Alias	Alternative name(s): Allergen: Ber e 1 Cleaved into the following 2 chains: 2S sulfur-rich seed storage protein small chain 1 Alternative name(s): 2S albumin 1 small subunit 2S sulfur-rich seed storage protein large chain 1B Alternative name(s): 2S albumin 1 large subunit
Product Type	Recombinant Protein
Immunogen Species	Bertholletia excelsa (Brazil nut)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	QEECREQMQRQQMLSHCRMYMRQQMEESPYQTMPRRGMPEPHMSECCEQL EGMDESCRCEGLRMMMMRMQQEEMQPRGEQMRRMMRLAENIPSRCNLSP MRCPMGGS
Research Area	Allergen
Source	Yeast
Target Names	BE2S1
Protein Names	Recommended name: 2S sulfur-rich seed storage protein 1 Alternative name(s): Allergen= Ber e 1 Cleaved into the following 2 chains: 1. 2S sulfur-rich seed storage protein small chain 1 Alternative name(s): 2S albumin 1 small subunit
Expression Region	37-142aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	14.8kDa
Protein Length	Partial
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

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.