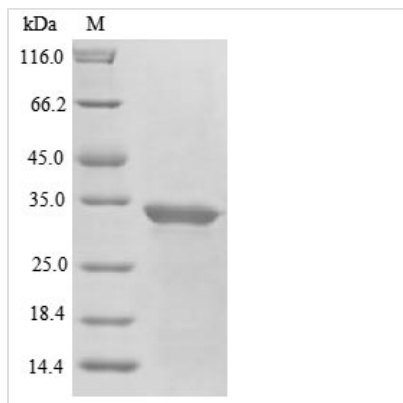




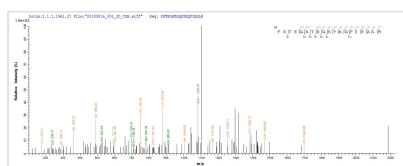
Recombinant Abrus precatorius Abrin-a, partial

Product Code	CSB-EP319970AAC
Relevance	The A chain is responsible for inhibiting protein synthesis through the catalytic inactivation of 60S ribosomal subunits by removing adenine from position 4,324 of 28S rRNA. Abrin-a is more toxic than ricin. The B chain is a galactose-specific lectin that facilitates the binding of abrin to the cell membrane that precedes endocytosis.
Abbreviation	Recombinant Abrus precatorius Abrin-a 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.	P11140
Product Type	Recombinant Protein
Immunogen Species	Abrus precatorius (Indian licorice) (Glycine abrus)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	QDRPIKFSTEGATSQSYKQFIEALRERLRGGLIHDIPVLPDPTTLQERNRYITVE LSNSDTEISIEVGIDVTNAYVVAYRAGTQSYFLRDAPSSASDYLFRTGTDQHSLPF YGTYGDLERWAHQSRQQIPLGLQALTHGISFFRSGGNDNEEKARTLIVIIQMVA EAARFRYISNRVVRVSIQTGTAFQPDAAMISLENNWDNLSRGVQESVQDTFPNQ VTLTNIRNEPVIVDSLSHPTVAVLALMLFVCNPPN
Research Area	Others
Source	E.coli
Protein Names	rRNA N-glycosidase
Expression Region	1-251aa
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
Mol. Weight	33.6 kDa
Protein Length	Partial

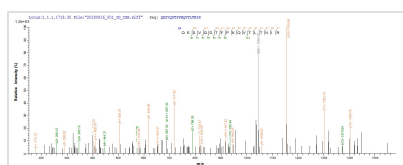
Image



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP319970AAC could indicate that this peptide derived from E.coli-expressed Abrus precatorius (Indian licorice) (Glycine abrus) N/A.



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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.