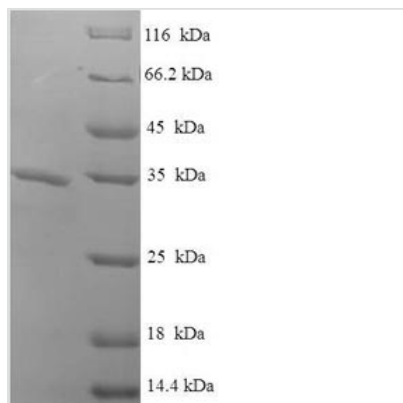




Recombinant Loxosceles amazonica

Phospholipase D LamSicTox-alphaIC1

Product Code	CSB-EP495649LQU
Relevance	Catalyzes the hydrolysis of sphingomyelin. May also acts on other phosphatidyl esters. Induces complement-dependent lysis, dermonecrosis, blood vessel permeability and platelet aggregation .
Abbreviation	Recombinant Loxosceles amazonica Phospholipase D LamSicTox-alphaIC1 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.	C0JAZ9
Product Type	Recombinant Protein
Immunogen Species	Loxosceles amazonica (Recluse spider)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	WIMGHMVNNINQIEEFVSLGANSIETDVSFDKKNPEYTYHGTPCDCGRDCLR WEYFKDFLNGLRKATTPGDAKYREKLILVVFDLKTGSLYDNQAYDAGKSLAKN LLEYWNNNGNNGGRAYIVLSIPNLAHYKLVTGFKETLKDEGHEDLLEKVGHDF SGNDDIPDIESAYKKAGVTGHVWQSDGITNCLPRTLKRVLAIANRDSGSGIINK VYYWTVDKRSTTRDSLEAGVDGIMTNYPDVIADVLSEAAAYKDKYRIATYDDNP WETFKA
Research Area	Others
Source	E.coli
Expression Region	1-273aa
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	34.8kDa
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

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.