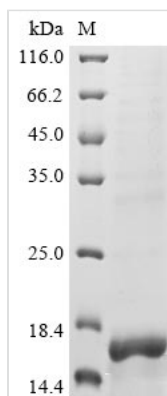




Recombinant Lassa virus RING finger protein Z (Z)

Product Code	CSB-EP524825LNP
Abbreviation	Recombinant Lassa virus RING finger protein Z
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.	O73557
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Lassa virus (strain Mouse/Sierra Leone/Josiah/1976) (LASV)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GNKQAKAPESKDSPRASLIPDATHLGPQFCKSCWFENKGLVECNNHYLCLNC LTLILLSVSNRCPICKMPLPTKLRPSAAPTAPPTGAADSIRPPPYSP
Research Area	Others
Source	E.coli
Target Names	Z
Expression Region	2-99aa
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	14.6 kDa
Protein Length	Full Length of Mature Protein

Image



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



Description

To achieve the expression of the recombinant Lassa virus (strain Mouse/Sierra Leone/Josiah/1976) RING finger protein Z in e.coli cells, a DNA fragment encoding the Lassa virus (strain Mouse/Sierra Leone/Josiah/1976) RING finger protein Z (2-99aa) is inserted into a plasmid vector, which is then transferred to e.coli cells. After screening positive cells, they are cultured and induced to create the RING finger protein Z. The protein features a N-terminal 6xHis tag fusion. The recombinant Lassa virus (strain Mouse/Sierra Leone/Josiah/1976) RING finger protein Z is purified from the cell lysate through affinity purification. The purity of the obtained recombinant Lassa virus (strain Mouse/Sierra Leone/Josiah/1976) RING finger protein Z is greater than 90%, measured by SDS-PAGE.

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.