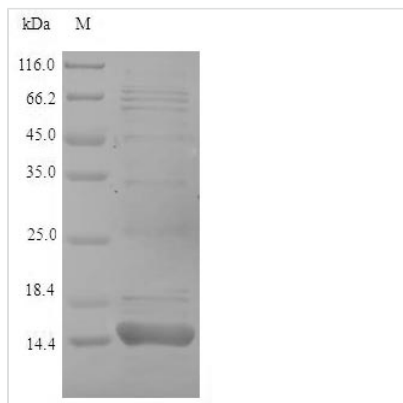




Recombinant Dictyostelium discoideum Ponticulin (ponA)

Product Code	CSB-EP345793DKK
Relevance	Binds F-actin and nucleates actin assembly. Major high affinity link between the plasma membrane and the cortical actin network.
Abbreviation	Recombinant Dictyostelium discoideum ponA 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.	P54660
Product Type	Recombinant Protein
Immunogen Species	Dictyostelium discoideum (Slime mold)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	QYTLSVSNSASGSKCTTAVSAKLNACNTGCLNSFNIVESSNGKGLVFKTFINAA CSGEYESLSQFTCAANQKIPTTSYIVSCNSTPSSNSTTDS
Research Area	Microbiology
Source	E.coli
Target Names	ponA
Protein Names	Recommended name: Ponticulin
Expression Region	23-118aa
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	13.9kDa
Protein Length	Full Length of Mature Protein

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.