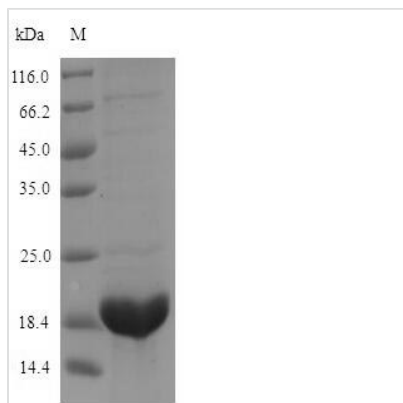




Recombinant Raphanus sativus Defensin-like protein 2 (AFP2)

Product Code	CSB-EP339081RJP
Relevance	Possesses antifungal activity sensitive to inorganic cations. Induces potential changes in fungal membranes and increased K ⁺ efflux and Ca ²⁺ uptake.
Abbreviation	Recombinant Raphanus sativus AFP2 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.	P30230
Alias	Cysteine-rich antifungal protein 2 Short name: AFP2 Short name: RAFP2
Product Type	Recombinant Protein
Immunogen Species	Raphanus sativus (Radish)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	QKLCQRPSGTWSGVCGNNAACKNQCIRLEKARHGSCNYVFPAAHKCICYFPC
Research Area	Others
Source	E.coli
Target Names	AFP2
Protein Names	Recommended name: Defensin-like protein 2 Alternative name(s): Cysteine-rich antifungal protein 2 Short name= AFP2 Short name= RAFP2
Expression Region	30-80aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	21.7kDa
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.