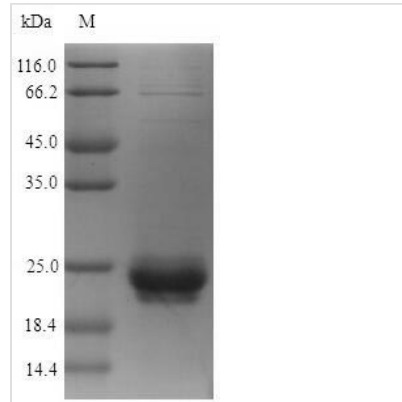




Recombinant Staphylococcus aureus 30 kDa neutral phosphatase, partial

Product Code	CSB-EP324148FKZ
Relevance	Highly cationic enzyme that can bind human or rat immunoglobulins as well as serum albumin, and could therefore be involved in post-infectious sequelae.
Abbreviation	Recombinant Staphylococcus aureus 30 kDa neutral phosphatase 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.	P21222
Alias	Short name:NPTase
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	KSSAEVQQTQQASIPASQKANLGNQNNIMSVASYQ
Research Area	Microbiology
Source	E.coli
Protein Names	Recommended name: 30 kDa neutral phosphatase Short name= NPTase EC= 3.1.-.-
Expression Region	1-35aa
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	19.7kDa
Protein Length	Partial

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.