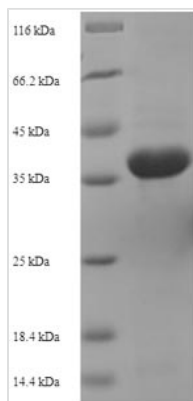




Recombinant Actinoplanes utahensis Aculeacin-A acylase (aac), partial

Product Code	CSB-EP333489ACY
Relevance	Catalyzes the hydrolysis of the palmitoyl moiety of the antifungal antibiotic, aculeacin-A, giving a hexapeptide moiety and a long chain fatty acid.
Abbreviation	Recombinant Actinoplanes utahensis aac 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.	P29958
Alias	Aculeacin-A acylase small subunit Aculeacin-A acylase large subunit
Product Type	Recombinant Protein
Immunogen Species	Actinoplanes utahensis
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	GGYAALIRRASYGVPHITADDFGSLGFGVGYVQAEDNICVIAESVVTANGERS RWFGATGPDDADVRTTSSTQAIDDRVAERLLEGPRDGVRAPCDDVRDQMRG FVAGYNHFLRRTGVHRLTDPACRGKAWVRPLSEIDLWRTSWDSMVRAGSGA LLDGIVAATPPTAAGPASAPEAPDA
Research Area	Others
Source	E.coli
Target Names	aac
Expression Region	35-214aa
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	35.1kDa
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.