

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



Catalog No: #AP73808

Orders: order@abscitech.com

Package Size: #AP73808-1 10ug #AP73808-2 50ug #AP73808-3 100ug #AP73808-4 200ug #AP73808-5 500ug #AP73808-6 1mg

Support: tech@abscitech.com

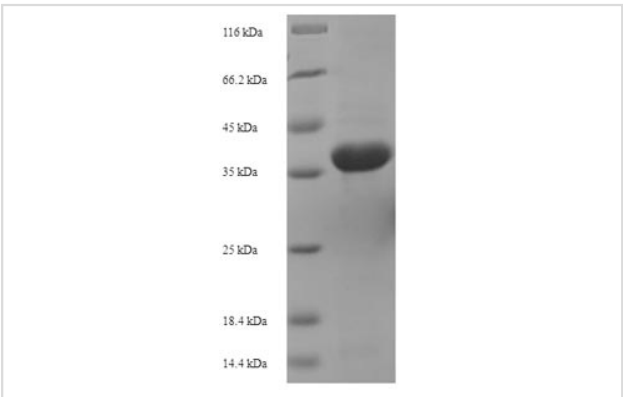
Description

Product Name	Recombinant Actinoplanes utahensis Aculeacin-A acylase(aac) ,partial
Brief Description	Recombinant Protein
Host Species	E.coli
Target Name	aac
Other Names	Aculeacin-A acylase small subunit Aculeacin-A acylase large subunit
Accession No.	Uniprot ID: P29958
Target Species	Actinoplanes utahensis
SDS-PAGE MW	35.12kDa
Target Length	Partial,35-214aa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	GGYAALIRRASYGVPHITADDFGSLGFGVGYYQAEDNICVIAESVVTANGERSRWFGATGPDDADVRTTSSTQ AIDDRVAERLLEGPRDGV RAPCDDVRDQMRGFVAGYNHFLRRTGVHRLTDPACRGKAWVRPLSEIDLWRTS WDSMVRAGSGALLDGIVAATPPTAAGPASAPEAPDA
Formulation	Tris-based buffer,50% glycerol
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.

Application Details

Greater than 90% as determined by SDS-PAGE.

Images



Background

Catalyzes the hydrolysis of the palmitoyl moiety of the antifungal antibiotic, aculeacin-A, giving a hexapeptide moiety and a long chain fatty acid.

References

"Cloning and sequencing of the aculeacin A acylase-encoding gene from *Actinoplanes utahensis* and expression in *Streptomyces lividans*."
Inokoshi J., Takeshima H., Ikeda H., Omura S. *Gene* 119:29-35(1992)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.