

Recombinant Autographa californica nuclear polyhedrosis virus Viral cathepsin(VCATH)



Catalog No: #AP73800

Orders: order@abscitech.com

Package Size: #AP73800-1 10ug #AP73800-2 50ug #AP73800-3 100ug #AP73800-4 200ug #AP73800-5 500ug #AP73800-6 1mg

Support: tech@abscitech.com

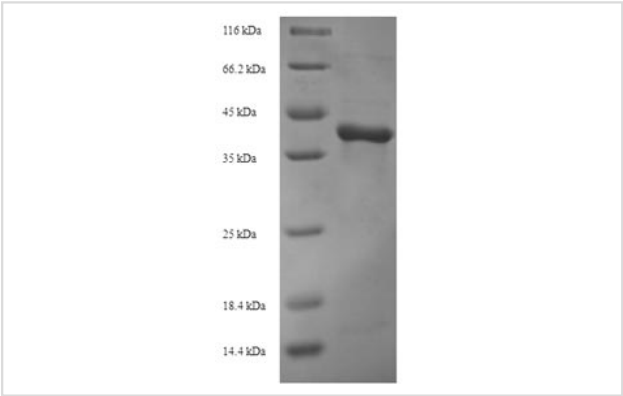
Description

Product Name	Recombinant Autographa californica nuclear polyhedrosis virus Viral cathepsin(VCATH)
Brief Description	Recombinant Protein
Host Species	E.coli
Target Name	VCATH
Other Names	Cysteine proteinase Short name: CP
Accession No.	Uniprot ID: P25783
Target Species	Autographa californica nuclear polyhedrosis virus (AcMNPV)
SDS-PAGE MW	39.86kDa
Target Length	Full Length, 113-323aa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	PLEFDWRRRLNKVTSVKNQGMCGACWAFATLASLESQFAIKHNQLINLSEQQMIDCDFVDAGCNGGLLHTAFE AIKMGGVQLESDYPYEADNNNCRMNSNKFLVQVKDCYRYITVYEEKLDLLRLVGPIPMIDAADIVNYKQGII KYCFNSGLNHAVLLVGYGVENNIPYWTFKNTWGTDWGEDGFFRVQQNINACGMRNELASTAVIY
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

Cysteine protease that plays an essential role in host liquefaction to facilitate horizontal transmission of the virus. May participate in the degradation of foreign protein expressed by the baculovirus system (By similarity).

References

"The baculovirus *Autographa californica* nuclear polyhedrosis virus genome includes a papain-like sequence." Rawlings N.D., Pearl L.H., Buttler D.J. *Biol. Chem. Hoppe-Seyler* 373:1211-1215(1992)

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