

Recombinant Autographa Californica Nuclear Polyhedrosis Virus VCATH Protein (113-323 aa), His-SUMO-tagged

Cat. No. VCATH-1786A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Autographa Californica Nuclear Polyhedrosis Virus (AcMNPV) VCATH Protein (113-323 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	AcMNPV
Source	E.coli
ProteinLength	113-323 aa
Description	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).
Form	Tris-based buffer,50% glycerol
Molecular Mass	39.9 kDa
AA Sequence	PLEFDWRRLLNKVTSVKNQGMCGACWAFATLASLESQFAIKHNQLINLSEQQMIDCD FVDAGCNGGLLHTAFEAIKMGGVQLESDYPYEADNNNCRMNSNKFLVQVKDCYRY ITVYEEKLKDLLRLVGPIPMADAADIVNYKQGIKCYCFNSGLNHAVLLVGYGVENNIPY WTFKNTWGTDWGEDGFFRVQQNINACGMRNELASTAVIY

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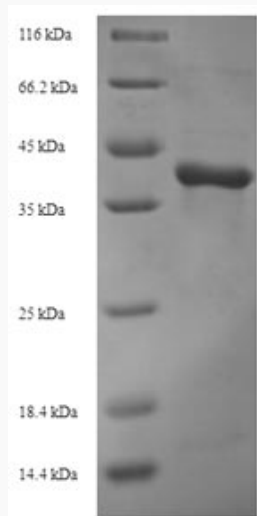
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Synonyms	VCATH; Cysteine proteinase Short name: CP;
UniProt ID	P25783



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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