

Aspartic proteinase nepenthesin-2 Recombinant Protein

Recombinant Nepenthes distillatoria Aspartic proteinase nepenthesin-2

CATALOG # AAA114788	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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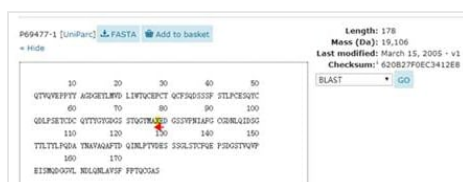
PRODUCT SYNONYMS

Aspartic proteinase nepenthesin-2; Recombinant Nepenthes distillatoria Aspartic proteinase nepenthesin-2; Aspartic proteinase nepenthesin-2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-178, Full length protein
Sequence	QTVQVEPPYY AGDGEYLMVD LIWTQCEPCT QCFSQDSSSF STLPCEQYC QDLPSETCDC QYTYGYGDGS STQGYMAXED GSSVPNIAFG CGDNLQIDSG TTLTYLPQDA YNAVAQAFTD QINLPTVDES SSSLSTCFQE PSDGSTVQVP EISMQDGGVL NDLQNLAVSF FPTQCGAS
Sequence Length	178
Species	Nepenthes distillatoria (Pitcher plant)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



Sequence

There is an 'X' in the original sequence (amino acid 78), the 'X' refers to any amino acid. The lab usually mutates 'X' to S. Thus the mutated sequence manufactured by the lab is

QTVQVEPPYYAGDGEYLMVDLIWTQCEPCTQCFSQDSSSFSTLPCEQYQCQLPSETCDCQYTYGYGDGSSTQGYMA SEDGSSVPNIAFGCGDN
LQIDSGTTLTYLPQDAYNAVAQAFTDQINLPTVDESSSSLSTCFQEPSDGSTVQVPEISMQDGGVLNDLQNLAVSFFPTQCGAS

NCBI AND UNIPROT INFORMATION

NCBI GI #	61213864
UniProt Accession #	P69477
Molecular Weight	19,106 Da
NCBI Official Full Name	Aspartic proteinase nepenthesin-2
UniProt Protein Name	Aspartic proteinase nepenthesin-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/aspartic-proteinase-nepenthesin-2-recombinant-protein-e-coli/114788>