

Aspartic proteinase nepenthesin-1 Recombinant Protein

Recombinant Nepenthes distillatoria Aspartic proteinase nepenthesin-1

CATALOG #
AAA115140

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Aspartic proteinase nepenthesin-1; Recombinant Nepenthes distillatoria Aspartic proteinase nepenthesin-1; Aspartic proteinase nepenthesin-1 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	1-164aa(X20N,X45C,X48C,X51C,X53N,X98C,X107S); partial
Sequence	IGPSGVETTV YAGDGEYLMN LSIGTPAQPF SAIMDTGSDL IWTQCQPCTQ CFNQSDPQGS SSFSTLPCGY GDSETQGSMG TETFTFGSVS IPNITFGCGE GPLPLPSQLD VAKYITLDLP IDPSAFDLCF QTPSDPSNLQ IPTFVMHFDT GNSVVSFVSA QCGA
Species	Nepenthes distillatoria (Pitcher plant)
Sequence Note	The 20th, 45th, 48th, 51st, 53rd, 98th and 107th 'X' in the original sequence Uniprot refers to any amino acid and is usually mutated to 'S' or another amino acid. The sequence has been mutated to X20N,X45C,X48C,X51C,X53N,X98C,X107S during the manufacturing process as noted in Sequence Positions and Sequence fields.
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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	61213854
UniProt Accession #	P69476
Molecular Weight	17,271 Da
NCBI Official Full Name	Aspartic proteinase nepenthesin-1
UniProt Protein Name	Aspartic proteinase nepenthesin-1

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://stage.aaabiotech.com/aspartic-proteinase-nepenthesin-1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115140>