

Papain Recombinant Protein | PPI recombinant protein

Recombinant Carica papaya Papain

CATALOG #
AAA115988

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

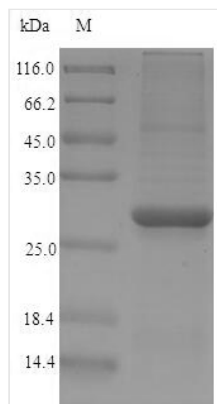
PRODUCT SYNONYMS

Papain; Recombinant Carica papaya Papain; EC=3.4.22.2; Papaya proteinase I; PPI; Allergen=; Car p 1; PPI 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	134-345aa; Full Length of Mature Protein
Sequence	IPEYVDWRQK GAVTPVKNQG SCGSCWAFSA VVTIEGIIKI RTGNLNEYSE QELDCDRRS YGCNNGGPWS ALQLVAQYGI HYRNTYPYEG VQRYCRSREK GPYAAKTDGV RQVQPYNEGA LLYSIANQPV SVVLEAAGKD FQLYRGGIFV GPCGNKVDHA VAAVGYPNY ILIKNSWGTG WGENGYIRIK RGTGNSYGVC GLYTSSFYPV KN
Sequence Length	212
Species	Carica papaya (Papaya)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PPI recombinant protein	Catalytic activity Hydrolysis of proteins with broad specificity for peptide bonds, but preference for an amino acid bearing a large hydrophobic side chain at the P2 position. Does not accept Val in P1'.
Product Categories/Family for PPI recombinant protein	Allergen

NCBI AND UNIPROT INFORMATION

NCBI GI #	129614
UniProt Accession #	P00784
Molecular Weight	27.4 kDa
NCBI Official Full Name	Papain
UniProt Protein Name	Papain
UniProt Gene Name	PPI
UniProt Synonym Gene Names	PPI
UniProt Entry Name	PAPA1_CARPA

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/ppi-recombinant-protein-e-coli/115988>