Recombinant Carica papaya Papain protein, His-tagged

Cat. No. Papain-1319C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Carica papaya Papain protein(P00784)(134-345aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Carica papaya
Source	E.coli
ProteinLength	134-345aa
Tag	N-His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Molecular Mass	27.4kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein indeionized sterile water to a

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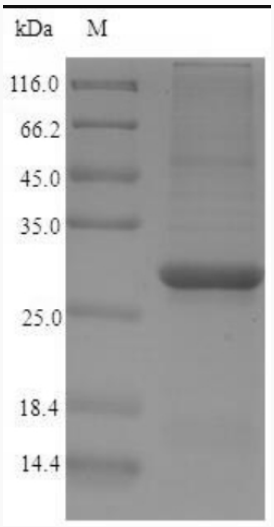
	concentration of 0.1-1.0 mg/mL.Aliquot for long-term storage at -80°C.
AA Sequence	IPEYVDWRQKGAVTPVKNQGSCGSCWAFSAVVTIEGIIKIRTGNLNEYSEQELLDCD RRSYGCNGGYPWSALQLVAQYGIHYRNTYPYEGVQRYCRSREKGPYAAKTDGVR QVQPYNEGALLYSIANQPVSVVLEAAGKDFQLYRGGIFVGPCGNKVDHAVAAVGYG PNYILIKNSWGTGWGENGYIRIKRGTGNSYGVCGLYTSSFYPVKN
SDS-PAGE	

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