



Certificate of Analysis

Caspase-3/CASP3 Protein, Human

Cat. No.:	HY-P701341
Batch No.:	402507
Species:	Human
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P42574 (S29-D175&S176-H277)
Gene ID:	836
Molecular Weight:	Approximately 12.6 kDa&16.6 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to cleave the fluorogenic peptide substrate Ac-DEVD-AFC. The specific activity is ≥26570 pmol/min/μg, as measured under the described conditions.	26570 pmol/min/μg
Appearance	Solution	
Concentration	1.33 mg/mL	
Reconstitution	Please use rapid thawing with running water to thaw the protein.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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