

Active Recombinant Human CASP3, Met&His-tagged

Cat. No. CASP3-192H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASP3 (Accession # AAA65015) Met1-His277, fused with an N-terminal Met and 6-His tag, was produced in E. coli-derived.
Species	Human
Source	E.coli
ProteinLength	1-277 a.a.
Predicted N Terminal	Not tested: Met predicted.
Form	Lyophilized from a 0.2 µm filtered solution in Tris, NaCl, Sucrose and DTT.
Bio-activity	The activity of the activated Caspase-3 was measured by its ability to cleave DEVD-AFC. The specific activity is >500 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human CASP3, Met&His-tagged has a calculated MW of 33 kDa. In SDS-PAGE migrates as 35 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	CASP3 caspase 3, apoptosis-related cysteine peptidase [Homo sapiens]
Official Symbol	CASP3
Synonyms	CASP3; caspase 3, apoptosis-related cysteine peptidase; caspase 3, apoptosis related cysteine protease; caspase-3; apopain; CPP32; CPP32B; Yama; CASP-3; CPP-32; procaspase3; protein Yama; PARP cleavage protease; cysteine protease CPP32; SREBP cleavage activity 1; caspase 3, apoptosis-related cysteine protease; SCA-1;
Gene ID	836
mRNA Refseq	NM_004346
Protein Refseq	NP_004337
MIM	600636
UniProt ID	P42574
Chromosome Location	4q34

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