

**Catalog No.: RP02120** **Recombinant**

Species	Gene ID	Swiss Prot
Human	836	O5IS54

## C-6His

CASP3; CPP32; Caspase-3; CASP-3;  
EC:3.4.22.56; Apopain; Cysteine  
protease CPP32; CPP-32; Protein Yama;  
SREBP cleavage activity 1; SCA-1;  
Cleaved into: Caspase-3 subunit p17;  
Caspase-3 subunit p12

<b>Source</b> <i>E. coli</i>	<b>Purification</b> ≥ 95 % as determined by SDS- PAGE.
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< 0.1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22  $\mu\text{m}$  filtered solution of PBS, pH 7.4.

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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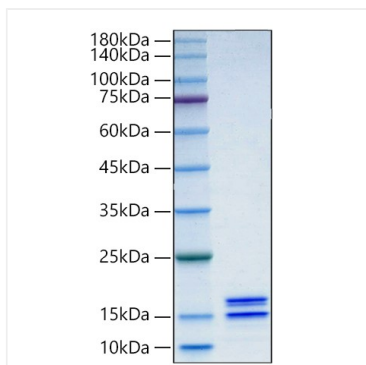
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Recombinant Human Caspase-3/CASP3 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Ser29-His277) of human Caspase-3/CASP3 (Accession #NP\_001012435.1) fused with a 6xHis tag at the C-terminus.

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.  
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.  
Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human Caspase-3/CASP3  
Protein was determined by SDS-PAGE under  
reducing conditions with Coomassie Blue.