Recombinant Human Caspase-3/CASP3 Protein

Catalog No.: RP02120

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Sequence Information

Species
Human

Gene ID
836

Swiss Prot
Q5IS54

Tags
C-6His

Synonyms
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

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MWObserved MW

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description
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 6×His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

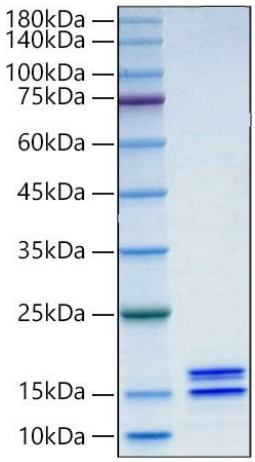
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

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Validation Data



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