

Human CASP3 / Caspase-3 / CASP-3 Protein (His Tag)

Catalog Number: 10050-H08E



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

CPP32; CPP32B; SCA-1

Protein Construction:

A DNA sequence encoding the mature form of human caspase3 (Q5IS54) (Ser29-His277) was expressed with a polyhistidine tag at the C-terminus.

Source: Human

Expression Host: E. coli

QC Testing

Purity: (48.4+48.1) % as determined by SDS-PAGE

Bio Activity:

Measured by its ability to cleave the fluorogenic peptide substrate Ac-DEVD-AFC. The specific activity is > 5000 pmoles/min/μg.

Endotoxin:

Please contact us for more information.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Met

Molecular Mass:

The recombinant human caspase3 consists of 259 amino acids and predicts a molecular mass of 29.9 KDa. It migrates as an approximately 17 and 15 KDa band in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile 20mM HEPES, 100mM NaCl, 1mM EDTA, 10% Sucrose, 0.1% chaps, pH 7.5.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

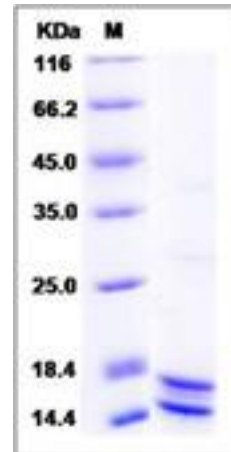
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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