

Caspase-3 (human), (recombinant)

The major effector caspase of apoptosis, caspase-3 is responsible for cleavage of multiple cellular targets.

Citations: 15

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BML-SE169-5000

5000U

Manuals, SDS & CofA

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Handling & Storage

Handling Avoid freeze/thaw cycles.

Long Term Storage -80°C

Shipping Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Activity 100 U/μl

Alternative Name CPP32, Yama, Apopain

Application Notes Can be used to study enzyme regulation and kinetics, cleave target substrates and screen for inhibitors.

Formulation Liquid. In 50mM HEPES, pH 7.4, 100mM sodium chloride, 0.5% CHAPS, 1mM EDTA, 10% glycerol and 10mM dithiothreitol.

MW 17 + 12 kDa

Purity ≥95% (SDS-PAGE)

Source Produced in *E. coli*. Caspase-3 (CPP32; Yama; apopain) from human cDNA. The enzyme was cleaved and activated from the proenzyme

Specific Activity One U=1 pmol/min using Ac-DEVD-pNA (200 μM; Prod. No. ALX-260-033) as substrate at 30°C

UniProt ID P42574

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