Caspase-6 (human), (recombinant)

Highly, active caspase-6 for the study of enzyme kinetics or screening of inhibitors

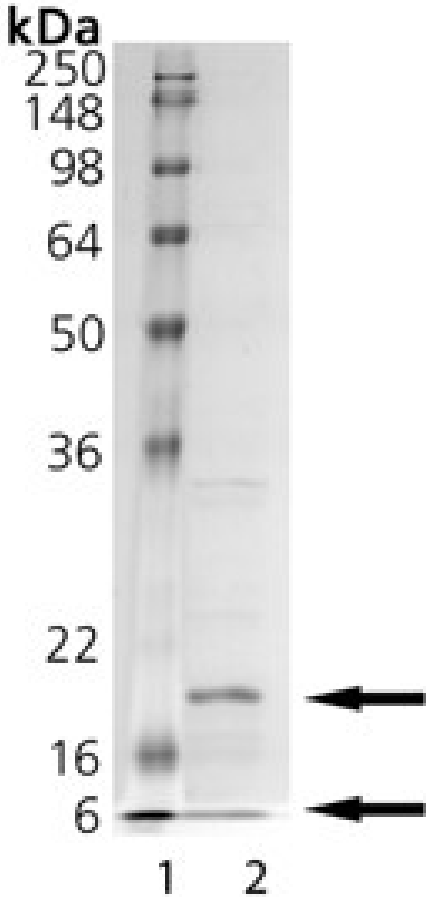
Effector caspase responsible for the cleavage of nuclear lamins in apoptosis. Caspase-6 cleavages of various other protein targets have been implicated in the pathogenesis of neurodegenerative diseases, including Alzheimer's disease (b-amyloid precursor protein), Huntington's disease (huntingtin).

Citations: 11 View Online »

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BML-SE170-5000	5000U

Manuals, SDS & CofA View Online »



SDS-PAGE Analysis – Lane 1: MW Marker, Lane 2: 1 µg Caspase-6.

Handling & Storage

Use/Stability	After initial defrost, aliquot product into individual tubes and refreeze the remaining, unused enzyme quickly by snap-freezing in a dry/ice ethanol bath or liquid nitrogen, if possible.
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	Mch2
Application Notes	Useful tool to study enzyme regulation and kinetics, cleave target substrates, screen for inhibitors.
Formulation	Liquid. In 50mM HEPES, pH 7.4, containing 100mM sodium chloride, 0.5% CHAPS, 1mM EDTA, 10% glycerol and 10mM DTT.
MW	18 + 11 kDa subunits
Purity	≥80% (SDS-PAGE)
Source	Produced in *E. coli.*
Specific Activity	One U=1 pmol/min at 30°C using Ac-VEID-pNA (200mM; Prod. No. BML-P437) as substrate.
UniProt ID	P55212

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