

# 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

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## Ordering Information

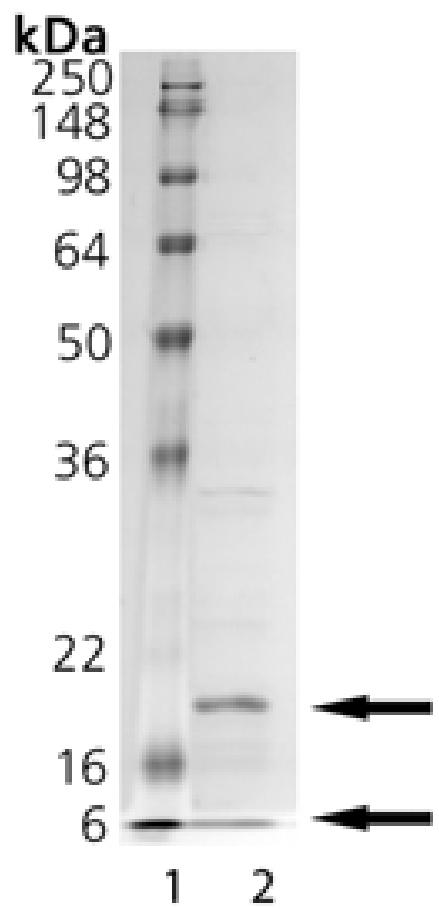
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**ML-SE170-5000**

5000U

## Manuals, SDS & CofA

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

# Handling & Storage

<b>Use/Stability</b>	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.
<b>Handling</b>	Avoid freeze/thaw cycles.
<b>Long Term Storage</b>	-80°C
<b>Shipping</b>	Dry Ice

## Regulatory Status

RUO - Research Use Only

## Product Details

<b>Activity</b>	100 U/μl
<b>Alternative Name</b>	Mch2
<b>Application Notes</b>	Useful tool to study enzyme regulation and kinetics, cleave target substrates, screen for inhibitors.
<b>Formulation</b>	Liquid. In 50mM HEPES, pH 7.4, containing 100mM sodium chloride, 0.5% CHAPS, 1mM EDTA, 10% glycerol and 10mM DTT.
<b>MW</b>	18 + 11 kDa subunits
<b>Purity</b>	≥80% (SDS-PAGE)
<b>Source</b>	Produced in <i>E. coli</i> .
<b>Specific Activity</b>	One U=1 pmol/min at 30°C using Ac-VEID-pNA (200mM; Prod. No. BML-P437) as substrate.
<b>UniProt ID</b>	P55212

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ENZO LIFE SCIENCES,  
INC.  
Phone: 800.942.0430  
[info-  
usa@enzolifesciences.com](mailto:info-usa@enzolifesciences.com)

European Sales Office  
ENZO LIFE SCIENCES  
(ELS) AG  
Phone: +41 61 926 8989  
[info-  
eu@enzolifesciences.com](mailto:info-eu@enzolifesciences.com)

Belgium, The Netherlands  
& Luxembourg  
Phone: +32 3 466 0420  
[info-  
fr@enzolifesciences.com](mailto:info-fr@enzolifesciences.com)

France  
Phone: +33 472 440 655  
[info-  
fr@enzolifesciences.com](mailto:info-fr@enzolifesciences.com)

Germany  
Phone: +49 7621 5500 526  
[info-  
de@enzolifesciences.com](mailto:info-de@enzolifesciences.com)

UK & Ireland  
Phone (UK customers):  
0845 601 1488  
Phone: +44 1392 825900  
[info-  
uk@enzolifesciences.com](mailto:info-uk@enzolifesciences.com)