

# Caspase-8 (human), (recombinant)

Highly active caspase-8 for the study of  
enzyme regulation and kinetics

Caspase-8 is an initiator caspase activated in the death-inducing signaling complexes (DISCs) of the TNF receptor superfamily (e.g. TRAIL, FasL, TNF $\alpha$  receptors).

Citations: 9

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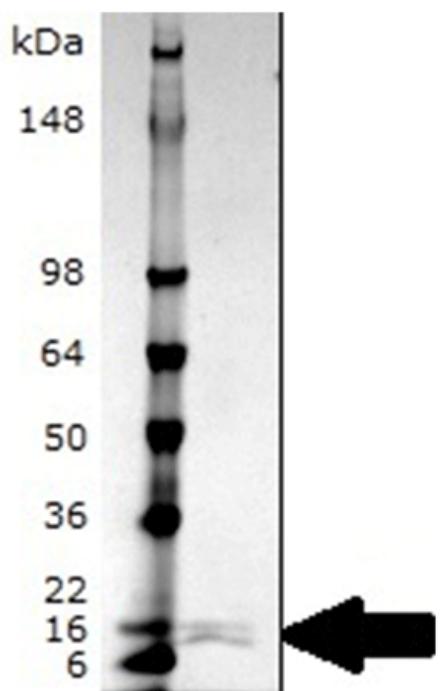
## Ordering Information

BML-SE172-5000

5000U

## Manuals, SDS & CofA

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SDS PAGE Analysis: Lane 1: MW Marker, Lane 2: 1 $\mu$ g  
(Prod. No. BML-SE172).

# 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. Avoid repeated freeze/defrost cycles. NOTE: When stored under the above conditions, this enzyme is stable at the concentration supplied, in its current storage buffer. Procedures such as dilution of the enzyme followed by refreezing, could lead to loss of activity.
<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>	FLICE, Mch5, MACH
<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, 100mM sodium chloride, 0.5% CHAPS, 1mM EDTA, 10% glycerol and 10mM DTT.
<b>MW</b>	18 + 11 kDa
<b>Purity</b>	≥90% (SDS-PAGE)
<b>Source</b>	Produced in <i>E. coli</i>
<b>Specific Activity</b>	One U=1 pmol/min using Ac-IETD-pNA (200mM; Prod. No. ALX-260-045) as substrate, at 30°C.
<b>UniProt ID</b>	Q14790

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