

Caspase-9 Proform, human recombinant protein
Caspase-9 Proform
Catalog # PBV10019r**Specification**

Caspase-9 Proform, human recombinant protein - Product info

Concentration 2

Caspase-9 Proform, human recombinant protein - Additional Info**Other Names**

Caspase-9, CASP-9, Apoptotic protease Mch-6, Apoptotic protease-activating factor 3, APAF-3, ICE-like apoptotic protease 6, ICE-LAP6, LEHDase

Gene Source	Human
Source	E.coli
Assay&Purity	SDS-PAGE; $\geq 90\%$
Assay2&Purity2	HPLC;
Recombinant	Yes
Target/Specificity	
Caspase-9	

Format

Liquid

Storage

-70°C; 2 µg/ µl in 1 mM acidic acid

Caspase-9 Proform, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Caspase-9 Proform, human recombinant protein - Images**Caspase-9 Proform, human recombinant protein - Background**

Caspase-9 is a member of the caspase family of cysteine proteases. Caspase-9 exists in cells as an inactive proenzyme. Proteolytic processing of this inactive proenzyme generates the large and small subunits which, when assembled as a tetramer (a pair of heterodimers), form the active caspase. Cascades of caspase activation have been shown to be the key signal-transducing events

in apoptosis. Caspase-9 is considered to be an upstream enzyme that initiates caspase cascade leading to apoptosis.

The recombinant Procaspase-9 is produced by expression of a human cDNA in E. coli and further purified by multiple chromatographic steps.