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Caspase-4, human recombinant protein

Caspase-4
Catalog # PBV10013r

Specification

Caspase-4, human recombinant protein - Product info

Primary Accession	P49662

Caspase-4, human recombinant protein - Additional Info

Gene ID	**837**
Gene Symbol	**CASP4**
Other Names	
Caspase-4, CASP-4, ICE(rel)-II, Protease ICH-2, Protease TX	
Gene Source	**Human**
Source	**E.coli**
Assay&Purity	**SDS-PAGE; ≥95%**
Assay2&Purity2	**HPLC;**
Recombinant	**Yes**
Target/Specificity	
Caspase-4	

Application Notes
Reconstitute to 1 unit per µl in PBS containing 15% glycerol.

Format
Lyophilized powder

Storage
-70°C; Lyophilized powder

Caspase-4, 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 Cytomety
- Cell Culture

Caspase-4, human recombinant protein - Images

Caspase-4, human recombinant protein - Background

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Caspase-4 (also know as Ich-4, ICErelII, TX) is a member of the caspase-family of cysteine proteases. Similar to other caspases, caspase-4 exists in cells as an inactive proenzyme which is matured by proteolysis to yield large and small subunits. The active caspase-4 is a heterotetramer consisting of two large and two small subunits. To date the mechanism of caspase-4 activation and roles of caspase-4 in apoptosis are poorly understood. The recombinant active human caspase-4 was expressed in E. coli. The active caspase-4 is routinely tested at BioVision for its ability to enzymatically cleave these two substrates Ac-WEHD-pNA or Ac-WEHD-AFC

Caspase-4, human recombinant protein - References

Faucheu C.,et al.EMBO J. 14:1914-1922(1995).
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