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Caspase-6, human recombinant protein

Caspase-6
Catalog # PBV10015r

Specification

Caspase-6, human recombinant protein - Product info

Primary Accession	P55212
Calculated MW	large (18 kDa) and small (11 kDa) KDa

Caspase-6, human recombinant protein - Additional Info

Gene ID	839
Gene Symbol	CASP6
Other Names	
Caspase-6, CASP-6, Apoptotic protease Mch-2	
Gene Source	Human
Source	E.coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC;
Recombinant	Yes
Target/Specificity	
Caspase-6	

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

Format
Lyophilized powder

Storage
-70°C; Lyophilized powder

Caspase-6, 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-6, human recombinant protein - Images

Caspase-6, human recombinant protein - Background

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Caspase-6 (also know as Mch2) is a member of the caspase-family of cysteine proteases. Similar to other caspases, caspase-6 also exists in cells as an inactive proenzyme. During apoptosis procaspase-6 is processed at aspartate residues by self-proteolysis and/or cleavage by another caspase. The processed active form of caspase-6 consists of large (18 kDa) and small (11 kDa) subunits which associate to form the active enzyme. Active caspase-6 has been shown involving in the proteolysis of PARP (poly ADP-ribose polymerase), an enzyme that is involved in DNA repair and henomic maintenance. The recombinant active human caspase-6 was expressed in E. coli. The active caspase-6 is routinely tested at BioVision for its ability to enzymatically cleave these two substrates Ac-VEID-pNA or Ac-VEID-AFC .

Caspase-6, human recombinant protein - References

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