

Caspase-10/a, human recombinant protein**Caspase-10/a****Catalog # PBV10020r****Specification**

Caspase-10/a, human recombinant protein - Product info

Primary Accession

[O92851](#)

Calculated MW

**two large (18 kDa) and two small (11 kDa)
subunits in a heterotetramer form. KDa****Caspase-10/a, human recombinant protein - Additional Info**

Gene ID

843

Gene Symbol

CASP10**Other Names**Caspase-10, CASP-10, Apoptotic protease Mch-4, FAS-associated death domain protein
interleukin-1B-converting enzyme 2, FLICE2, ICE-like apoptotic protease 4

Gene Source

Human

Source

E.coli

Assay&Purity

SDS-PAGE; ≥90%

Assay2&Purity2

HPLC;

Recombinant

Yes**Target/Specificity**

Caspase-10/a

Application Notes

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

Format

Lyophilized powder

Storage

-70°C; Lyophilized powder

Caspase-10/a, 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-10/a, human recombinant protein - Images

Caspase-10/a, human recombinant protein - Background

Caspase-10/a (also known as Mch4) is a member of the caspase-family of cysteine proteases. Similar to other caspases, caspase-10 also exists in cells as an inactive proenzyme. During apoptosis procaspase-10 is processed at aspartate residues to form active caspase-10 which consists of two large (18 kDa) and two small (11 kDa) subunits in a heterotetramer form. The recombinant active human caspase-10 was expressed in E. coli. The active caspase-10 is routinely tested at BioVision for its ability to enzymatically cleave these two substrates Ac-IETD-pNA or Ac-IETD-AFC

Caspase-10/a, human recombinant protein - References

Fernandes-Alnemri T.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:7464-7469(1996).
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Ng P.W.,et al.J. Biol. Chem. 274:10301-10308(1999).
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