

Caspase-10/b, human recombinant protein
Caspase-10/b
Catalog # PBV10021r**Specification**

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

Calculated MW **two large (18 kDa) and two small (11 kDa) subunits in a heterotetramer form. KDa**

Caspase-10/b, human recombinant protein - Additional Info**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/b	

Application Notes

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

Format

Lyophilized powder

Storage

-70°C; Lyophilized powder

Caspase-10/b, 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/b, human recombinant protein - Images**Caspase-10/b, human recombinant protein - Background**

Caspase-10b (also known as FLICE 2) 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/b was expressed in *E. coli*. The active caspase-10 is routinely tested at BioVision for its ability to enzymatically cleave these two substrates Ac-LETD-pNA or Ac-LETD-AFC