

Caspase-9, human recombinant protein**Caspase-9****Catalog # PBV10018r****Specification**

Caspase-9, human recombinant protein - Product infoPrimary Accession [P55211](#)**Caspase-9, human recombinant protein - Additional Info**Gene ID **842**Gene Symbol **CASP9****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; ≥90%**Assay2&Purity2 **HPLC;**Recombinant **Yes****Target/Specificity**

Caspase-9

Application Notes

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

Format

Lyophilized powder

Storage

-70°C; Semi Dry powder

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

Caspase-9 is a member of the caspase-family of cysteine proteases. Similar to other caspases, caspase-9 also exists in cells as an inactive proenzyme. During the initiation of apoptosis procaspase-9 is processed at aspartate residues to form active caspase-9. As one of the initiator caspases, active caspase-9 functions to trigger activation of downstream effector caspases, leading to disassembly of cell structures. The recombinant active human caspase-9 was expressed in E. coli. The active caspase-9 is routinely tested at BioVision for its ability to enzymatically cleave these two substrates Ac-LEHD-pNA or Ac-LEHD-AFC

Caspase-9, human recombinant protein - References

Duan H.,et al.J. Biol. Chem. 271:16720-16724(1996).
Srinivasula S.M.,et al.J. Biol. Chem. 271:27099-27106(1996).
Hadano S.,et al.Mamm. Genome 10:757-760(1999).
Srinivasula S.M.,et al.Cancer Res. 59:999-1002(1999).
Izawa M.,et al.Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases.