

## Active Human Caspases Set IV recombinant protein

Active Human Caspases Set IV

Catalog # PBV11431r

### Specification

#### Active Human Caspases Set IV recombinant protein - Product info

Primary Accession [Q92851](#)

#### Active Human Caspases Set IV recombinant protein - Additional Info

Gene ID **CASP1- 834**  
**CASP2- 835**  
**CASP3- 836**  
**CASP4- 837**  
**CASP5- 838**  
**CASP6- 839**  
**CASP7- 840**  
**CASP8- 841**  
**CASP9- 842**  
**CASP10- 843**

Gene Symbol **CASP1 CASP2**  
**CASP3 CASP4**  
**CASP5 CASP6**  
**CASP7 CASP8**  
**CASP9 CASP10**

Gene Source **Human**  
Source **E. coli**  
Assay&Purity **SDS-PAGE;**  
Assay2&Purity2 **HPLC;**  
Recombinant **Yes**

#### Application Notes

The active recombinant caspases can be reconstituted to 0.1-1 unit per  $\mu$ l in PBS or the Reaction Buffer described above (available from BioVision, ) for longer stability. We recommend using 1 unit per assay for analyzing caspase activity.

#### Format

Lyophilized

#### Storage

-70°C; Lyophilized powder

#### Active Human Caspases Set IV recombinant protein - Background

Active recombinant caspases are useful in screening caspase inhibitors, studying enzyme kinetics, determining substrate specificity, and as a positive control in caspase activity assays.

#### Active Human Caspases Set IV recombinant protein - References

Fernandes-Alnemri T., et al. Proc. Natl. Acad. Sci. U.S.A. 93:7464-7469(1996).  
Vincenz C., et al. J. Biol. Chem. 272:6578-6583(1997).  
Ng P.W., et al. J. Biol. Chem. 274:10301-10308(1999).  
Hadano S., et al. Genomics 71:200-213(2001).  
Vonarbourg C., et al. Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.

#### Active Human Caspases Set IV 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](#)