

## Recombinant Caspase 3 (CASP3)

Catalog No.: TP08929

50µg

### Sequence Information

**Species:** Human

**Gene ID:**836

**Swiss Prot:**P42574

**Synonyms:**CPP32; CPP32B; SCA1; Apoptain;

Yama; Apoptosis-Related Cysteine

Peptidase; Cysteinyl Aspartate Specific

Proteinases 3; SREBP cleavage activity 1

**Residues:**Ser29~His277

SGISLDNSYKMDYPEMGLCIIINNKNFHKSTGMTSRSGTDVDAANLRETFRNLK

YEVNRKNDLTREEIVELMRDVSKEHDKRSSFVCVLLSHGEEGIIFGTNGPVDL

KKITNFFRGRCSRSLTGKPKLFIQACRGTELDGCIETDSGVDDDMACHKIPVE

ADFLYAYSTAPGYYSWRNSKDGSWFIQSLCAMLKQYADKLEFMHILTRVNRKVA

TEFESFSFDATFHAKKQIPCIVSMLTKELYFYH

### Product Information

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Tags:** N-terminal His-Tag

**Subcellular Location:** Cytoplasm.

**Purity:** >90%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% sk1,5%Trehalose.

**Original Concentration:** 50µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 7.1

**Predicted Molecular Mass:** 32.2kDa

**Accurate Molecular Mass:** 14/18/20kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

