

Recombinant human Caspase-7 protein

Catalog No: #AP72289

Package Size: #AP72289-1 20ug #AP72289-2 100ug #AP72289-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Caspase-7 protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:207-303aaSequence Info:Partial
Other Names	Apoptotic protease Mch-3CMH-1ICE-like apoptotic protease 3 ;ICE-LAP3
Accession No.	P55210
Uniprot	P55210
GeneID	840;
Calculated MW	15.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ANPRYKIPVEADFLFAYSTVPGYYSWRSPGRGSWFVQALCSILEEHGKDLEIMQILTRVNDRVARHFESQSDD PHFHEKKQIPCVVSMILTKEYFSQ
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves and activates sterol regulatory element binding proteins (SREBPs). Proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp-I-Gly-217' bond. Overexpression promotes programmed cell death.

References

Mch3, a novel human apoptotic cysteine protease highly related to CPP32.Fernandes-Alnemri T., Takahashi A., Armstrong R.C., Krebs J., Fritz L.C., Tomaselli K.J., Wang L., Yu Z., Croce C.M., Salveson G., Earnshaw W.C., Litwack G., Alnemri E.S.Cancer Res. 55:6045-6052(1995)Research Topic:Apoptosis

Note: This product is for in vitro research use only