

# Product Datasheet

## Recombinant Human Caspase-3 Protein H00000836-P02-2ug

Unit Size: 2 ug

Store at -80C. Avoid freeze-thaw cycles.

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**H00000836-P02-2ug****Recombinant Human Caspase-3 Protein**

<b>Product Information</b>	
<b>Unit Size</b>	2 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0.
<b>Target Molecular Weight</b>	58 kDa

<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST-tag at N-terminal corresponding to the amino acids 1-277 of Human CASP3 full-length ORF</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MENTENSVDKSIKNLEPKIIHGSESMDSGISLDNSYKMDYPEMGLCIIINNKNF  HKSTGMTSRSGTDVDAANLRETFRNLYEVRNKNDLTREEIVELMRDVSKE  DKH  SKRSSFVCVLLSHGEEGIIFGTNGPVDLKKITNFFRGDRCSRSLTGKPKLFIIQAC  RGTELDGCIETDSGVDDDMACHKIPVEADFLYAYSTAPGYYSWRNSKDGSWFI  QSLCAMLKQYADKLEFMHILTRVNRKVATEFESFSFDATFHAKKQIPCIVSM  LTK  ELYFYH</p>
<b>Gene ID</b>	836
<b>Gene Symbol</b>	CASP3
<b>Species</b>	Human
<b>Details of Functionality</b>	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

**Publications**

Chen G, Kang SS, Wang Z et al. Netrin-1 receptor UNC5C cleavage by active delta-secretase enhances neurodegeneration, promoting Alzheimer's disease pathologies Science advances 2021-04-01 [PMID: 33863723]

Pfister C, Pfrommer H, Tatagiba MS, Roser F. Detection and quantification of farnesol-induced apoptosis in difficult primary cell cultures by TaqMan protein assay. Apoptosis. 2013-04-01 [PMID: 23315006] (Human)





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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