

[Go to Product page](#)

Datasheet for ABIN7505516

**Caspase 3 Protein (CASP3) (AA 29-175) (His tag)**

## Overview

Quantity:	100 µg
Target:	Caspase 3 (CASP3)
Protein Characteristics:	AA 29-175
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Caspase 3 protein is labelled with His tag.

## Product Details

Sequence:	Ser 29-Asp 175
Characteristics:	A DNA sequence encoding the Rat CASP3 protein (P55213) (Ser 29-Asp 175) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	Caspase 3 (CASP3)
Alternative Name:	CASP3 ( <a href="#">CASP3 Products</a> )
Background:	<p>Background: Involved in the activation cascade of caspases responsible for apoptosis execution. At the onset of apoptosis, it proteolytically cleaves poly(ADP-ribose) polymerase PARP1 at a '216-Asp-I-Gly-217' bond. Cleaves and activates sterol regulatory element bind</p> <p>Synonym: CASP-3,CASP3,CASP3,Casp3a,Caspase 3,Caspase 3,Casp3,Cpp32</p>

### Target Details

Molecular Weight:	16.06 kDa
UniProt:	<a href="#">P55213</a>
Pathways:	<a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a> , <a href="#">Sensory Perception of Sound</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Activated T Cell Proliferation</a>

### Application Details

Restrictions:	For Research Use only
---------------	-----------------------

### Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months