

Datasheet for ABIN7553032

**Caspase 12 Protein (AA 1-341) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Caspase 12 (CASP12)
Protein Characteristics:	AA 1-341
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Caspase 12 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat CASP12 Protein expressed in mammalien cells.
Sequence:	MADEKPSNGV LVHVMVLLIK TFLDGIFDDL MENNVLNTDE IHLIGKCLKF VVSNAENLVD DITETAQIAG KIFREHLWNS KKQLSSDISS DGEREANMPG LNIRNKEFNY LHNRRNGSELD LLGMRDLLEN LGYSVVIKEN LTAQEMETAL RQFAAHPEHQ SSDSTFLVFM SHSILNGICG TKHWDQEPDV LHDDTIFEIF NNRNCQSLKD KPKVIIMQAC RGNAGIVWF TTDSGKASAD THGRLLQGNI CNDAVTKAHV EKDFIAFKSS TPHNVSWRHE TNGSVFISQI IYYFREYSWS HHLEEIFQKV QHSFETPNIL TQLPTIERLS MTRYFYLFPG N <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Characteristics:	Key Benefits:

## Product Details

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- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	Caspase 12 (CASP12)
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Alternative Name:	CASP12 ( <a href="#">CASP12 Products</a> )
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Background:	Inactive caspase-12 (CASP-12),FUNCTION: May function as a negative regulator of inflammatory responses and innate immunity. May reduce cytokine release in response to bacterial lipopolysaccharide during infection. Reduces activation of NF-kappa-B in response to TNF (PubMed:15129283). May lack protease activity (Probable). {ECO:0000269 PubMed:15129283, ECO:0000305 PubMed:12054529}.
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Molecular Weight:	38.9 kDa
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UniProt:	<a href="#">Q6UXS9</a>
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Pathways:	<a href="#">Apoptosis</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Unfolded Protein Response</a>
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## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a
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## Application Details

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guarantee though.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months