

[Go to Product page](#)

Datasheet for ABIN7505395

Caspase 1 Protein (CASP1) (AA 120-296) (His tag)

Overview

Quantity:	100 µg
Target:	Caspase 1 (CASP1)
Protein Characteristics:	AA 120-296
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Caspase 1 protein is labelled with His tag.

Product Details

Sequence:	Asn 120-Asp 296
Characteristics:	A DNA sequence encoding the Mouse CASP1 protein (P29452) (Asn 120-Asp 296) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Caspase 1 (CASP1)
Alternative Name:	CASP1 (CASP1 Products)
Background:	Background: Caspase-1, also known as IL-1 beta -converting enzyme (ICE), is an aspartic protease that plays a key role in the inflammatory response and apoptosis. Caspase-1 precursor (about 50 kDa) can be cleaved and the active enzyme consists of a complex of two 20 k

Target Details

	Synonym: CASP-1,CASP1,CASP1,Caspase 1,Caspase-1 subunit p10,ICE,IL-1 beta-converting enzyme,IL-1BC
Molecular Weight:	19.36 kDa
UniProt:	P29452
Pathways:	Apoptosis , Interferon-gamma Pathway , Positive Regulation of Endopeptidase Activity , Inflammasome

Application Details

Restrictions:	For Research Use only
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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