

Product datasheet

Recombinant Human Smac / Diablo protein ab116425

1 Image

Overview

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<b>Product name</b>	Recombinant Human Smac / Diablo protein
<b>Protein length</b>	Full length protein

Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli
<b>Amino Acid Sequence</b>	
<b>Accession</b>	<a href="#">Q9NR28</a>
<b>Species</b>	Human
<b>Molecular weight</b>	56 kDa including tags
<b>Amino acids</b>	1 to 239

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab116425** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Western blot ELISA SDS-PAGE Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF-TOF
<b>Purity</b>	> 90 % SDS-PAGE.
<b>Form</b>	Liquid

Preparation and Storage

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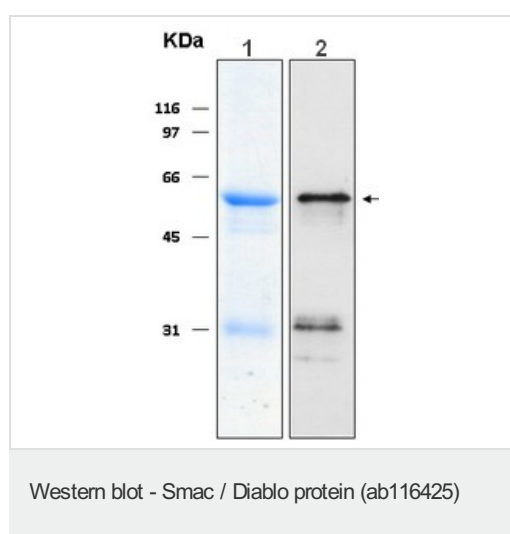
<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.40
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Constituent: 99% PBS

## General Info

<b>Function</b>	Promotes apoptosis by activating caspases in the cytochrome c/Apaf-1/caspase-9 pathway. Acts by opposing the inhibitory activity of inhibitor of apoptosis proteins (IAP).
<b>Tissue specificity</b>	Ubiquitously expressed with highest expression in testis. Expression is also high in heart, liver, kidney, spleen, prostate and ovary. Low in brain, lung, thymus and peripheral blood leukocytes.
<b>Domain</b>	The mature N-terminus mediates interaction with XIAP.
<b>Cellular localization</b>	Mitochondrion. Released into the cytosol when cells undergo apoptosis.

## Images



10% SDS-PAGE stained with Coomassie Blue (Lane 1), immunoblotting with anti-6xHis (Lane 2)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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