

## Product datasheet

# Recombinant Human SENP2 protein ab199592

### Description

<b>Product name</b>	Recombinant Human SENP2 protein	
<b>Purity</b>	> 95 % SDS-PAGE. Determined by SEC-HPLC and reducing SDS-PAGE.	
<b>Endotoxin level</b>	< 0.100 Eu/ng	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">Q9HC62</a>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MGHHHHHHGS LQDSEVNQEAKPEVKPEVKPETHINLK VSDGSSEIFFKIK KTTPLRRLMEAF AKRQGKEMDSL RFLYDGR IQADQAP EDLDMEDNDIIE AHREQIGGDDLLELTEDMEKEISNALGHGPQDEILSSA FKL RITRGDIQT LKNYHWLNDEVINFYMNLLVERNKKQGYPALHVFSTFF YPKLKSGGYQAV KRWTKGVNLF EQEILVPIHRKVHWSLVVIDLRKKCLKY LDSMGQKGHRI CEILLQYLQDESKTKRNSDLNLEWTHHSMKPHEIPQQ LNGSDCGMFTCK YADYISRDKPIITFTQHQMPLFRKKMVWEILHQQLL	
<b>Predicted molecular weight</b>	39 kDa including tags	
<b>Amino acids</b>	363 to 589	
<b>Tags</b>	His tag N-Terminus	

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab199592** 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>	HPLC
	SDS-PAGE

**Form** Liquid

## Preparation and Storage

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**Stability and Storage** Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.  
pH: 7.4  
Constituents: 5% Glycerol, 1.19% HEPES

## General Info

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**Function** Protease that catalyzes two essential functions in the SUMO pathway: processing of full-length SUMO1, SUMO2 and SUMO3 to their mature forms and deconjugation of SUMO1, SUMO2 and SUMO3 from targeted proteins. May down-regulate CTNNB1 levels and thereby modulate the Wnt pathway.

**Sequence similarities** Belongs to the peptidase C48 family.

**Domain** The N-terminus is necessary and sufficient for nuclear envelope targeting.

**Post-translational modifications** Polyubiquitinated; which leads to proteasomal degradation.

**Cellular localization** Nucleus > nuclear pore complex. Nucleus membrane. Cytoplasm. Shuttles between cytoplasm and nucleus.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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