

Product datasheet

Recombinant Human SENP2 protein ab199592

Description

Product name	Recombinant Human SENP2 protein	
Purity	> 95 % SDS-PAGE. Determined by SEC-HPLC and reducing SDS-PAGE.	
Endotoxin level	< 0.100 Eu/ng	
Expression system	Escherichia coli	
Accession	Q9HC62	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGHHHHHHGSLQDSEVNQEAKPEVKPEVKPETHINLKVS DGSSEIFFKIK KTTPLRRLMEAFKRQKEMDSLRFYDGIQADQAPED LDMEDNDIIE AHREQIGGDDLLELTEDMEKEISNALGHGPQDEILSSAFKL RITRGDIQT LKNYHWLNDEVINFYMNLLVERNKKQGYPALHVFSTFFYP KLKSGGYQAV KRWTKGVNLFEQEIIIVPIHRKVHWSLVVIDLRKKCLKYLD SMGQKGHRI CEILLQYLQDESKTKRNSDLNLEWTHHSMKPHEIPQQLN GSDCGMFTCK YADYISRDKPITFTQHQMPLFRKKMVWEILHQQLL	
Predicted molecular weight	39 kDa including tags	
Amino acids	363 to 589	

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.

Applications	HPLC
	SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.
pH: 7.40
Constituents: 5% Glycerol (glycerin, glycerine), 1.19% HEPES

General Info

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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