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Datasheet for ABIN7313674

SUMO1 Protein (AA 1-101) (His tag,SUMO Tag)

Overview

Quantity:	50 µg
Target:	SUMO1
Protein Characteristics:	AA 1-101
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SUMO1 protein is labelled with His tag,SUMO Tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Human SUMO1 Protein is produced by our E. coli expression system and the target gene encoding Met1-Val101 is expressed with a 6His tag at the N-terminus.
Sequence:	MGSSHHHHHH SSSLVPRGSH MSDQEAKPST EDLGDKKEGE YIKLKVIGQD SSEIHFVKVM TTHLKKLKES YCQRQGVPMN SLRFLFEGQR IADNNTPKEL GMEEEDVIEV YQEQTGGHST V
Purity:	Greater than 95 % as determined by SEC-HPLC and reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Target Details

Target:	SUMO1
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Target Details

Alternative Name: SUMO1 ([SUMO1 Products](#))

Gene ID: 7341

UniProt: [P63165](#)

Pathways: [M Phase](#), [Positive Regulation of Endopeptidase Activity](#), [Protein targeting to Nucleus](#), [Ubiquitin Proteasome Pathway](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a 0.2 μ M filtered solution of 50 mM Tris-HCl, 100 mM NaCl, 1 mM DTT, pH 8.5.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.