

[Go to Product page](#)

Datasheet for ABIN1097610

SUMO3 Protein (AA 1-103) (His tag)

Overview

Quantity:	50 µg
Target:	SUMO3
Protein Characteristics:	AA 1-103
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SUMO3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Rat C-C Motif Chemokine 5/CCL5 (N-6His)
Sequence:	MNHKVVHHHH HMDDDDKSPY GSDTTPCCFA YLSLALPRAH VKEYFYTSSK CSNLAVVFVT RRNRQVCANP EKKWVQEYIN YLEMS
Characteristics:	Recombinant Human Small Ubiquitin-Related Modifier 3/SUMO3 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Met1-Phe103) of Human SUMO3.
Purity:	> 95 % as determined by 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:	SUMO3
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Target Details

Alternative Name:	SUMO3 (SUMO3 Products)
Background:	<p>Small Ubiquitin-Related Modifier 3 (SUMO3) is a member of the ubiquitin family. SUMO3 is a cytoplasmic protein and is expressed predominantly in the liver. It contains one ubiquitin-like domain. Unlike ubiquitin that targets proteins for degradation, SUMO3 participates in a number of cellular processes such as nuclear transport, DNA replication and repair, mitosis and signal transduction. In addition, SUMO3 regulates amyloid beta generation and is pivotal in the onset or progression of Alzheimer's disease.</p> <p>Alternative Names: Small Ubiquitin-Related Modifier 3, SUMO-3, SMT3 Homolog 1, SUMO-2, Ubiquitin-Like Protein SMT3B, Smt3B, SUMO3, SMT3B, SMT3H1</p>
Molecular Weight:	10 kDa
UniProt:	P50231

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 500 mM NaCl, 2 mM EDTA, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Expiry Date:	3 months