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Datasheet for ABIN7319046
SUMO3 Protein (AA 1-103) (His tag)

Overview

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

Product Details

Purpose:	Recombinant Human SUMO3/SMT3A Protein (aa 1-103, His Tag)
Sequence:	Met 1-Phe103
Characteristics:	Recombinant Human Small Ubiquitin-Related Modifier 3 is produced by our E.coli expression system and the target gene encoding Met1-Phe103 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SUMO3
Alternative Name:	SUMO3/SMT3A (SUMO3 Products)

Target Details

Background: Background: SUMO3 belongs to the SUMO protein family and operates like ubiquitin. Ubiquitin-like protein which can be covalently attached to target lysines either as a monomer or as a lysine-linked polymer. Nevertheless unlike ubiquitin that targets proteins for degradation, SUMO3 takes part in several cellular processes, such as nuclear transport, transcription regulation, apoptosis and protein stability. SUMO3 participates in amyloid beta generation and has a key role in the onset or progression of Alzheimer's disease.

Synonym: Small Ubiquitin-Related Modifier 3, SUMO-3, SMT3 Homolog 1, SUMO-2, Ubiquitin-Like Protein SMT3B, Smt3B, SUMO3, SMT3B, SMT3H1

Molecular Weight: 13.8 kDa

UniProt: [P55854](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.