

Datasheet for ABIN7319044
SUMO3 Protein[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	SUMO3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human SUMO3/SMT3A Protein
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.
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)
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 polyer. Nevertheless unlike ubiquitin that targets proteins for degradation, SUMO3 takes part in several cellular processes, such as nuclear transport, transcription regulation,

Target Details

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: 11.6 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 PBS, pH 7.4.

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.