

[Go to Product page](#)

Datasheet for ABIN7319045

SUM03 Protein (AA 2-92) (His tag)

Overview

Quantity:	50 µg
Target:	SUM03
Protein Characteristics:	AA 2-92
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SUM03 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SUM03/SMT3A Protein (aa 2-92, His Tag)
Sequence:	Ser2-Gly92
Characteristics:	Recombinant Human Small ubiquitin-related modifier 3 is produced by our Mammalian expression system and the target gene encoding Ser2-Gly92 is expressed with a 6His tag at the C-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:	SUM03
Alternative Name:	SUM03/SMT3A (SUM03 Products)

Target Details

Background:	<p>Background: Small ubiquitin-like modifier (SUMO), also known as SUMO homologue and SMT3, is a member of the superfamily of ubiquitin-like polypeptides that become covalently attached to various intracellular target proteins as a way to alter their function, location, and/or half-life. Small ubiquitin-like modifiers include SUMO1, SUMO2, SUMO3, and SUMO4. Except for SUMO4, all other SUMOs are ubiquitously expressed, including in the brain. In human, SUMO2 and SUMO3 are two highly homologous proteins, collectively called SUMO2/3. Several studies suggest that SUMO3 are associated with pathogenesis in several neurological diseases, including Alzheimer's disease, Parkinson's disease, and cerebral ischemia/stroke.</p> <p>Synonym: Small ubiquitin-related modifier 3, SUMO-3, SMT3 homolog 1, SUMO-2, Ubiquitin-like protein SMT3A, Smt3A</p>
-------------	--

Molecular Weight:	11.1 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:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>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.</p>
------------------	--