

Datasheet for ABIN935027
SUMO2 Protein (AA 1-93)



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1 Image

Overview

Quantity:	100 µg
Target:	SUMO2
Protein Characteristics:	AA 1-93
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MADEKPKEGV K TENNDHINL KVAGQDGSVV QFKIKRHTPL SKLMKAYCER QGLSMRQIRF RFDGQPINET DTPAQLEMED EDTIDVFQQQ TGG
Characteristics:	Purified recombinant Human SUMO2 protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure

Target Details

Target:	SUMO2
Alternative Name:	SUMO2 (SUMO2 Products)
Background:	Small ubiquitin-related modifier 2 (SUMO-2) is a member of the SUMO protein family and functions in a manner similar to ubiquitin. However, unlike ubiquitin which targets proteins for

Target Details

degradation, SUMO-2 protein is involved in diverse cellular processes such as nuclear transport, DNA replication and repair, mitosis and signal transduction. This protein is not active until the last two amino acids of the carboxy-terminus have been cleaved off. Recombinant human SUMO2 protein was expressed in E. coli and purified by using conventional chromatography.

Alternative Names: Sentrin 2 protein, SMT3 homolog 2 protein, Small ubiquitin-related modifier 2 protein, SMT 3B protein, SMT3 suppressor of mif two 3 homolog 2 protein, SMT3B protein, Ubiquitin like protein SMT3B., HSMT3 protein, Sentrin-2 protein, Small ubiquitin-related modifier 2 SMT3 suppressor of mif two 3 homolog 2 (S protein, Small ubiquitin related modifier 2 protein, Small ubiquitin like modifier 2 protein, cerevisiae) protein, SUMO-2 protein, MGC117191 protein, HSMT 3 protein, SMT3H2 protein, SUMO-3 protein, Sentrin2 protein, Sumo2 protein, Sumo3 protein

Molecular Weight: 10.6 kDa (93 AA)

Pathways: [Methionine Biosynthetic Process](#)

Application Details

Application Notes: SUMO protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

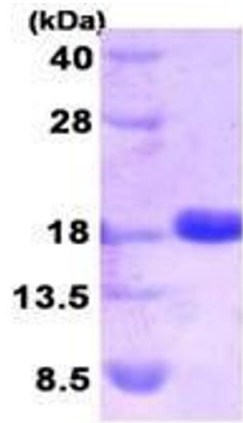
Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.