

Recombinant Human SUMO2 Protein

Cat. No. DiSUMO2-349H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SUMO2 Protein without tag was expressed in Bacterial.
Species	Human
Source	E.coli
Description	This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last two amino acids of the carboxy-terminus have been cleaved off. Numerous pseudogenes have been reported for this gene. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Molecular Mass	21.8 kDa
Purity	~95% by SDS-PAGE
Storage	Store at -80 centigrade; avoid multiple freeze-thaw cycles
Storage Buffer	20 mM Tris, 150 mM NaCl, 2 mM βME, 10% Glycerol
Shipping	Dry ice shipping

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

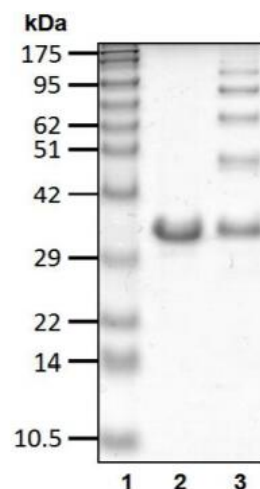
 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	SUMO2 small ubiquitin like modifier 2 [Homo sapiens (human)]
Official Symbol	SUMO2
Synonyms	SUMO2; small ubiquitin like modifier 2; HSMT3; SMT3B; SUMO3; Smt3A; SMT3H2; small ubiquitin-related modifier 2; SMT3 homolog 2; SMT3 suppressor of mif two 3 homolog 2; sentrin 2; ubiquitin-like protein SMT3A; ubiquitin-like protein SMT3B
Gene ID	6613
mRNA Refseq	NM_006937
Protein Refseq	NP_008868
MIM	603042
UniProt ID	P61956

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



Lane 1: Marker

Lane 2: Di-SUMO2

lane 3: SUMO22-6

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA