

Active Recombinant Human SUMO2

Cat. No. SUMO2-592H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SUMO2 (Accession # NM_006937) was produced in E. coli-derived.
Species	Human
Source	E.coli
Form	X mg/ml (X μ M) in 50 mM Hepes pH 6.5, 200 mM NaCl, 10 % glycerol.
Bio-activity	SUMO2 AMC is a fluorogenic substrate for some SUMO-specific isopeptidases. Release of AMC fluorescence can be monitored with an excitation wavelength of 380 nM and an emission wavelength of 460 nM. Reaction conditions will need to be optimized for each specific application. We recommend an initial SUMO2 AMC concentration of 0.1-1 μ M.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name	SUMO2 SMT3 suppressor of mif two 3 homolog 2 (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
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Official Symbol	SUMO2
Synonyms	SUMO2; SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae); SMT3 (suppressor of mif two 3, yeast) homolog 2 , SMT3 suppressor of mif two 3 homolog 2 (yeast) , SMT3H2; small ubiquitin-related modifier 2; SMT3B; sentrin 2; SMT3 homolog 2; ubiquitin-like protein SMT3A; ubiquitin-like protein SMT3B; small ubiquitin-like modifier 2; HSMT3; SUMO3; Smt3A; SMT3H2; MGC117191;
Gene ID	6613
mRNA Refseq	NM_001005849
Protein Refseq	NP_001005849
MIM	603042
UniProt ID	P61956
Chromosome Location	17q25

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