Active Recombinant Human SUMO1

Cat. No. SUMO1-562H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SUMO1 (Accession # NM_003352) was produced in E. coli-derived.
Species	Human
Source	E.coli
Form	X mg/ml (X μl) in 50mM Hepes pH 7.5, 100mM NaCl. Actual concentration varies with lot number.
Bio-activity	Recombinant Human SUMO1 Rhodamine is ideal for use in assays requiring fluorescent detection. Optimal fluorescence at pH 8.0 is monitored with an excitation wavelength of 570 nM and an emission wavelength of 590 nM. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human SUMO1 Rhodamine concentration of 0.1-1 μl.
Purity	>95%, by PAGE.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

Gene Name	SUMO1 SMT3 suppressor of mif two 3 homolog 1 (S. cerevisiae) [Homo sapiens]

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Official Symbol	SUMO1
Synonyms	SUMO1; SMT3 suppressor of mif two 3 homolog 1 (S. cerevisiae); SMT3 suppressor of mif two 3 homolog 1 (yeast) , ubiquitin like 1 (sentrin) , UBL1; small ubiquitin-related modifier 1; GMP1; OFC10; PIC1; SMT3C; SMT3H3; SUMO 1; sentrin; SMT3 homolog 3; GAP modifying protein 1; ubiquitin-like protein UBL1; ubiquitin-like protein SMT3C; ubiquitin-homology domain protein PIC1; DAP1; SMT3; UBL1; SENP2;
Gene ID	7341
mRNA Refseq	NM_001005781
Protein Refseq	NP_001005781
MIM	601912
UniProt ID	P63165
Chromosome Location	2q33

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