Active Recombinant Human SUMO3

Cat. No. SUMO3-581H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SUMO3 (Accession # NM_006936) was produced in E. coli-derived.
Species	Human
Source	E.coli
Form	X mg/ml (X μl) in 50 mM HEPES pH 8.0, 150 mM NaCl, 1 mM DTT
Bio-activity	Recombinant Human SUMO3 can be conjugated to substrate proteins via the subsequent actions of an SUMO-activating (E1) enzyme, an SUMO-conjugating (E2) enzyme, and an SUMO ligase (E3). Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human SUMO3 concentration of 10-50 μl.
Molecular Mass	Recombinant Human SUMO3 has a calculated MW of 11 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
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

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Gene Name	SUMO3 SMT3 suppressor of mif two 3 homolog 3 (S. cerevisiae) [Homo sapiens]
Official Symbol	SUMO3
Synonyms	SUMO3; SMT3 suppressor of mif two 3 homolog 3 (S. cerevisiae); SMT3 (suppressor of mif two 3, yeast) homolog 1 , SMT3 suppressor of mif two 3 homolog 3 (yeast) , SMT3H1; small ubiquitin-related modifier 3; SMT3A; SUMO-2; SMT3 homolog 1; ubiquitin-like protein SMT3A; ubiquitin-like protein SMT3B; SMT3 suppressor of mif two 3 homolog 1; Smt3B; SMT3H1; SUMO-3;
Gene ID	6612
mRNA Refseq	NM_006936
Protein Refseq	NP_008867
MIM	602231
UniProt ID	P55854
Chromosome Location	21q22.3

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