

Active Recombinant Human SUMO3

Cat. No. SUMO3-586H **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	Supplied as a solution of HEPES, NaCl and DTT
Bio-activity	SUMO chains form in vitro and in vivo and their linkage and functional relevance is an area of increasingly intense investigation. SUMO lysine to arginine mutants are ideal for investigating SUMO chain linkages. Recombinant Human SUMO3 Mutant K11R prevents the modification of K11 within SUMO and/or poly-SUMO chains. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human SUMO3 Mutant K11R concentration of 10-50 μ M.
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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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