

SUMO1 Human Recombinant

Item Number	rAP-5027
Synonyms	Small ubiquitin-related modifier 1, SUMO-1, Sentrin, Ubiquitin-like protein SMT3C, SMT3 homolog 3, Ubiquitin-homology domain protein PIC1, Ubiquitin-like protein UBL1, GAP-modifying protein 1, GMP1, SUMO1, SMT3C, SMT3H3, UBL1, PIC1, SMT3, DAP-1, OFC10, SE
Description	The active human SUMO-I (the 1-97 amino acid region of the Ubiquitin-like protein SMT3C precursor). The enzyme contains a single polypeptide band of 11 kDa. The predicted molecular weight of hSOMO I is 11 kDa. The The final fraction of enzyme contains single polypeptide band of approximately 20 kDa on SDS
Uniprot Accesion Number	P63165
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	10mM sodium chloride, 100mM imidazole, 0.5mM PMSF, 1mM DTT and 10% glycerol. Greater than 98.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**