

## Small Ubiquitin-Related Modifier 3 Human Recombinant

<b>Item Number</b>	rAP-5024
<b>Synonyms</b>	SUMO-3, SMT3A, SMT3H1, SMT3 homolog 1, Small Ubiquitin-related modifier 3, Ubiquitin-like protein SMT3A.
<b>Description</b>	SUMO3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 112 amino acids (1-92a.a.) and having a molecular mass of 12.6kDa (molecular weight on SDS-PAGE will appear higher).SUMO3 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatograph-
<b>Uniprot Accesion Number</b>	P55854
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MSEEKPKEGV KTENDHINLK VAGQDGSVVQ FKIKRHTPLS KLMKAY-CERQ GLSMRQIRFR FDGQPINETD TPAQLEMEDE DTIDVFQQQT GG
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	The SUMO3 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 0.1M NaCl,1mM DTT and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**