9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SUMO3 Human

Small Ubiquitin-Related Modifier 3 Human Recombinant
RCP2296

Product Overview

Name	SUMO3 Human
Description	
Small Ubiquitin-Related Modifier 3 Human Recombinant	
Accession (Primary)	P55854
Synonyms	
SUMO-3, SMT3A, SMT3H1, SMT3 homolog 1, Small Ubiquitin-related modifier 3, Ubiquitin-like protein SMT3A.	
Introduction	
SUMO3 belongs to the SUMO protein family and operates like ubiquitin. Nevertheless, unlike ubiquitin that targets proteins for degradation, SUMO3 protein takes part in several cellular processes, like nuclear transport, transcriptional regulation, apoptosis, and protein stability. SUMO3 regulates amyloid beta generation and is crucial in the onset or progression of Alzheimer's disease.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The SUMO3 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 0.1M NaCl,1mM DTT and 20% glycerol.	
Stability	
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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MSEEKPKEGV KTENDHINLK VAGQDGSVVQ FKIKRHTPLS KLMKAYCERQ GLSMRQIRFR FDGQPINETD TPAQLEMEDE DTIDVFQQQT GG	
Precautions	
SUMO3 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Target Information: (P55854)