

**Recombinant Human Small Ubiquitin-Related Modifier 3/SUMO3/SMT3A Protein(N-6His)**

**Cat.NO.: TP04549**

3th Edition

**Synonyms:**Small Ubiquitin-Related Modifier 3; SUMO-3; SMT3 Homolog 1; SUMO-2; Ubiquitin-Like Protein SMT3B; Smt3B; SUMO3; SMT3B; SMT3H1

**Description:**SUMO3 belongs to the SUMO protein family and operates like ubiquitin. Ubiquitin-like protein which can be covalently attached to target lysines either as a monomer or as a lysine-linked polyer. Nevertheless unlike ubiquitin that targets proteins for degradation, SUMO3 takes part in several cellular processess, such as nuclear transport, transcription regulation, apoptosis and protein stability. SUMO3 participates in amyloid beta generation and has a key role in the onset or progression of Alzheimer's disease.

**Form:**PBS

**Molecular Weight:**13.8 kDa

**Sequences:**Met 1-Phe103

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.