

## 32-8301: Recombinant Human Small Ubiquitin-Related Modifier 3/SUMO3/SMT3A

**Gene :** SUMO3

**Gene ID :** 6612

**Uniprot ID :** P55854

### Description

Source: E. coli.

MW :11.6kD.

Recombinant Human SUMO3 is produced by our E.coli expression system and the target gene encoding Met1-Phe103 is expressed. 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 polymer. Nevertheless unlike ubiquitin that targets proteins for degradation, SUMO3 takes part in several cellular processes, 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.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** MSEEKPKGVKTENDHINLKVAGQDGSVVQFKIKRHTPLSKLMKAYCERQGLSMRQIRFRFDGQPINETDTPA QLEMEDEDTIDVFQQQTGGVPESSLAGHSF

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.