

## 32-8740: Recombinant Human Small Ubiquitin-Related Modifier 3/SUMO3/SMT3A (C-6His)(Discontinued)

**Gene :** SUMO3  
**Gene ID :** 6612  
**Uniprot ID :** P55854

### Description

Source: Human Cells.

MW :11.1kD.

Recombinant Human SUMO3 is produced by our Mammalian expression system and the target gene encoding Ser2-Gly92 is expressed with a 6His tag at the C-terminus. Small ubiquitin-like modifier (SUMO), also known as SUMO homologue and SMT3, is a member of the superfamily of ubiquitin-like polypeptides that become covalently attached to various intracellular target proteins as a way to alter their function, location, and/or half-life. Small ubiquitin-like modifiers include SUMO1, SUMO2, SUMO3, and SUMO4. Except for SUMO4, all other SUMOs are ubiquitously expressed, including in the brain. In human, SUMO2 and SUMO3 are two highly homologous proteins, collectively called SUMO2/3. Several studies suggest that SUMO3 are associated with pathogenesis in several neurological diseases, including Alzheimer's disease, Parkinson's disease, and cerebral ischemia/stroke.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.  
**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 :** SEEKPKEGVKTENDHINLKVAGQDGSVVQFKIKRHTPLSKLMKAYCERQGLSMRQITFEFDGQPINETDTPAQL  
EMEDEDTIDVFQQQTGGHHHHHH

### Application Note

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