

32-8030: Recombinant Human Small Ubiquitin-Related Modifier 3/SUMO3/SMT3A (N-6His)(Discontinued)

Gene : SUMO3

Gene ID : 6612

Uniprot ID : P55854

Description

Source: E.coli.

MW :13.8kD.

Recombinant Human SUMO3 is produced by our E.coli expression system and the target gene encoding Met1-Phe103 is expressed with a 6His tag at the N-terminus. 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 20mM PB, 150mM NaCl, pH 7.2.

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 : MGSSHHHHHHSSGLVPRGSHMSEKPKGVKTENDHINLKVAGQDGSVVQFKIKRHTPLSKLMKAYCERQGL
SMRQIRFRFDGQPINETDTPAQLEMEDEDIDVFQQQTGGVPESSLAGHSF

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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