

Recombinant Human SUMO3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SUMO3-709H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SUMO3 MS Standard C13 and N15-labeled recombinant protein (NP_008867) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the small ubiquitin-related modifier (SUMO) family of eukaryotic proteins. The encoded protein is covalently conjugated to other proteins via a post-translation modification known as sumoylation. Sumoylation may play a role in a wide variety of cellular processes, including nuclear transport, DNA replication and repair, mitosis, transcriptional regulation, and signal transduction. Alternatively spliced transcript variants encoding distinct proteins have been described.
Molecular Mass	11.6 kDa
AA Sequence	MSEEEKPKEGVKTENDHINLKVAGQDGSVVQFKIKRHTPLSKLMKAYCERQGLSMRQ IRFRFDGQPINETDTPAQLEMEDEDTIDVFQQQTGGVPESSLAGHSFTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SUMO3 small ubiquitin like modifier 3 [Homo sapiens (human)]

Official Symbol SUMO3

Synonyms SUMO3; SMT3 suppressor of mif two 3 homolog 3 (S. cerevisiae); SMT3 (suppressor of mif two 3, yeast) homolog 1, SMT3 suppressor of mif two 3 homolog 3 (yeast), SMT3H1; small ubiquitin-related modifier 3; SMT3A; SUMO-2; SMT3 homolog 1; ubiquitin-like protein SMT3A; ubiquitin-like protein SMT3B; SMT3 suppressor of mif two 3 homolog 1; Smt3B; SMT3H1; SUMO-3;

Gene ID 6612

mRNA Refseq NM_006936

Protein Refseq NP_008867

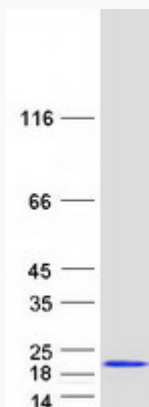
MIM 602231

UniProt ID P55854

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SDS-PAGE

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