

Recombinant Mouse Sun3 Protein, Myc/DDK-tagged

Cat. No. Sun3-6225M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Sad1 and UNC84 domain containing 3 (Sun3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	As a probable component of the LINC (Linker of Nucleoskeleton and Cytoskeleton) complex, involved in the connection between the nuclear lamina and the cytoskeleton. The nucleocytoplasmic interactions established by the LINC complex play an important role in the transmission of mechanical forces across the nuclear envelope and in nuclear movement and positioning. May be involved in nuclear remodeling during sperm head formation in spermatogenesis. A probable SUN3:SYNE1 LINC complex may tether spermatid nuclei to posterior cytoskeletal structures such as the manchette.
Molecular Mass	29.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Sun3 Sad1 and UNC84 domain containing 3 [*Mus musculus* (house mouse)]

Official Symbol Sun3

Synonyms SUN3; Sad1 and UNC84 domain containing 3; SUN domain-containing protein 3; Sad1 and UNC84 domain containing 1; sad1/unc-84 domain-containing protein 1; Sad1 and UNC84 domain-containing protein 3; Sunc1; D630047F21Rik; RP23-219P13.2; MGC130135

Gene ID 194974

mRNA Refseq NM_177576

Protein Refseq NP_808244

UniProt ID Q5SS91

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