

Recombinant Mouse Smu1 Protein, Myc/DDK-tagged

Cat. No. Smu1-5982M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length smu-1 suppressor of mec-8 and unc-52 homolog (<i>C. elegans</i>) (Smu1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in pre-mRNA splicing as a component of the spliceosome. Regulates alternative splicing of the HSPG2 pre-mRNA. Required for normal accumulation of IK. Required for normal mitotic spindle assembly and normal progress through mitosis.
Molecular Mass	57.5 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.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Smu1 smu-1 suppressor of mec-8 and unc-52 homolog (C. elegans) [Mus musculus (house mouse)]
Official Symbol	Smu1
Synonyms	SMU1; smu-1 suppressor of mec-8 and unc-52 homolog (C. elegans); WD40 repeat-containing protein SMU1; smu-1 suppressor of mec-8 and unc-52 protein homolog; Bwd; AB044414; AI845086; AW556129; 2600001O03Rik; 2610203K23Rik
Gene ID	74255
mRNA Refseq	NM_021535
Protein Refseq	NP_067510
UniProt ID	Q3UKJ7

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