

Recombinant Mouse Sfn Protein, Myc/DDK-tagged

Cat. No. Sfn-5813M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length stratifin (Sfn), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. When bound to KRT17, regulates protein synthesis and epithelial cell growth by stimulating Akt/mTOR pathway. May also regulate MDM2 autoubiquitination and degradation and thereby activate p53/TP53.
Molecular Mass	28.2 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

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

GENE INFORMATION

Gene Name [Sfn stratifin \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Sfn](#)

Synonyms SFN; stratifin; 14-3-3 protein sigma; 14-3-3 sigma protein; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, sigma polypeptide; Er; Mme1; Ywhas

Gene ID [55948](#)

mRNA Refseq [NM_018754](#)

Protein Refseq [NP_061224](#)

UniProt ID [O70456](#)

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