

## Recombinant Mouse Sfn protein(Met1-Ser248)

**Cat. No.** Sfn-4045M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse SFN (NP_061224.2) (Met 1-Ser 248) was expressed and purified in E. coli, with additional two amino acids (Gly & Pro) at the N-terminus.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Ser248
<b>Form</b>	Lyophilized from sterile 50mM Tris, 150mM NaCl, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant mouse SFN consists of 250 amino acids and has a calculated molecular mass of 27.7 kDa. It migrates as an approximately 32 kDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

Gene Name	Sfn stratifin [ <i>Mus musculus</i> ]
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

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