

Recombinant Mouse Sfn protein(Met1-Ser248)

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

SPECIFICATION

Product Overview	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-terminu.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Ser248
Form	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.
Molecular Mass	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.
Purity	> 95 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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 [Mus musculus]
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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