

Recombinant Human SFN

Cat. No. SFN-26013TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human 14-3-3 sigma; amino acids 1-248, MWt 29kDa.
Species	Human
Source	E.coli
ProteinLength	1-248 a.a.
Description	14-3-3 protein sigma is a protein that in humans is encoded by the SFN gene.
Tissue specificity	Present mainly in tissues enriched in stratified squamous keratinizing epithelium.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Sodium chloride, 50mM Tris HCl, 0.25mM DTT, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the 14-3-3 family.
Full Length	Full L.

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GENE INFORMATION

Gene Name	SFN stratifin [Homo sapiens]
Official Symbol	SFN
Synonyms	SFN; stratifin; 14-3-3 protein sigma; 14 3 3 sigma; YWHAS;
Gene ID	2810
mRNA Refseq	NM_006142
Protein Refseq	NP_006133
MIM	601290
Uniprot ID	P31947
Chromosome Location	1p36.11
Pathway	Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, conserved biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Cell cycle, organism-specific biosystem;
Function	phosphoprotein binding; protein binding; protein domain specific binding; protein kinase C inhibitor activity;

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