Recombinant Human SFN, His-tagged

Cat. No. SFN-26015TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human 14-3-3 sigma expressed in Saccharomyces cerevisiae; amino acids 1-248; 248 amino acids, 27.7 kDa. This protein is tagged with 26 kDa proprietary tag.
Species	Human
ProteinLength	1-248 a.a.
Description	14-3-3 protein sigma is a protein that in humans is encoded by the SFN gene.
Conjugation	HIS
Tissue specificity	Present mainly in tissues enriched in stratified squamous keratinizing epithelium.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MERASLIQKAKLAEQAERYEDMAAFMKGAVEKGEELSCEE RNLLSVAYKNVVGGQ RAAWRVLSSIEQKSNEEGSEEKG PEVREYREKVETELQGVCDTVLGLLDSHLIKEA

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	GDAESRVFYLKMKGDYYRYLAEVATGDDKKRIIDSARSAYQEAMD ISKKEMPPTNPI RLGLALNFSVFHYEIANSPEEAISLA KTTFDEAMADLHTLSEDSYKDSTLIMQLLRDN LTLWTADNAGEEGGEAPQEPQS
Sequence Similarities	Belongs to the 14-3-3 family.
Full Length	Full L.

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

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	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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