

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 <i>Saccharomyces cerevisiae</i> ; 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: None Constituents: 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 RNLLSVAYKNVVGQQ RAAWRVLSSIEQKSNEEGSEEKG PEVREYREKVVETELQGVCDTVLGLLDSHLIKEA

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GDAESRVFYLMKMGDYYRYLAEVATGDDKKRIIDSARSAYQEAMD ISKKEMPPTNPI
 RLGLALNFSVFHYEIANSPPEAISLA KTTFDEAMADLHTLSEDSYKDESTLIMQLLRDN
 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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