

Recombinant Human SFRP5 protein, His-tagged

Cat. No. SFRP5-2620H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SFRP5(30-317aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	30-317aa
Description	SARP3, also known as secreted frizzled-related protein 5, is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. SFRP5 and SFRP1 may be involved in determining the polarity of photoreceptor cells in the retina. SFRP5 is highly expressed in the retinal pigment epithelium, and moderately expressed in the pancreas.
Form	Liquid. In 20mM Tris-HCl(pH 8.0) containing 10% glycerol.
Molecular Mass	35kDa (311aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSEEYDYGG WQAEPLHGRS YSKPPQCLDI PADLPLCHTV GYKRMRLPNL LEHESLAEVK QQASSWLPLLAKRCHSDTQV FLCSLFAPVC LDRPIYPCRS LCEAVRAGCA PLMEAYGFPW PEMLHCHKFP LDNDLCIAVQ FGHLPATAPP VTKICAQCEMEHSADGLMEQ MCSSDFVVKM RIKEIKIENG DRKLIGAQKK KLLKPGPLK RKDTKRLVLH MKNGAGCPCP

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QLDSLAYSFL VMGRKVDGQLLLMAVYRWK KNKEMKFAVK FMFSYPCSLY
YPFFYGAAEP H

Purity > 85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 1mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name SFRP5 secreted frizzled-related protein 5 [Homo sapiens]

Official Symbol SFRP5

Synonyms SFRP5; secreted frizzled-related protein 5; SARP3; secreted apoptosis related protein 3; FRP-1b; SARP-3; sFRP-5; frizzled-related protein 1b; secreted apoptosis-related protein 3;

Gene ID 6425

mRNA Refseq NM_003015

Protein Refseq NP_003006

MIM 604158

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UniProt ID	Q5T4F7
Chromosome Location	10q24
Pathway	Wnt signaling pathway, organism-specific biosystem; Wnt signaling pathway, conserved biosystem;
Function	PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding;

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