

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 MGSEEDYDYG WQAEPLHGRS YSKPPQCLDI PADLPLCHTV GYKRMRLPNL LEHESLAEVK QQASSWLPLLAKRCHSDTQV FLCSLFAPVC LDRPIYPCRS LCEAVRAGCA PLMEAYGFPW PEMHCHKFP LDNDLCIAVQ FGHLPATAPP VTKICAQCEMEHSADGLMEQ MCSSDFVVKM RIKEIKIENG DRKLIGAQKK KKLLKPGPLK RKDTKRLVLH MKNGAGCPCP

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	QLDSLAYSFL VMGRKVDGQLLLMAVYRWDK 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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