

Recombinant Human secreted frizzled-related protein 2, His-tagged

Cat. No. SFRP2-509H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SFRP2, 20-295aa Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	20-295 a.a.
Description	<p>SFRP2, as known as secreted frizzled-related protein 2, is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. This protein acts as soluble modulators of Wnt signaling. Methylation of this gene is a potential marker for the presence of colorectal cancer. Recombinant human SFRP2 protein, fused to His-tag at N-terminus, was expressed in E.coli.</p>
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	33.8 kDa(297aa)
AA Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSARGLFLF GQPDFSYKRS NCKPIPVNLQ LCHGIEYQNM RLPNLLGHET MKEVLEQAGA WIPLVMKQCH PDTKKFLCSL FAPVCLDDLD ETIQPCHSLC VQVKDRCAPV MSAFGFPWPD MLECDRFPQD NDLCIPLASS DHLLPATEEA PKVCEACKNK NDDDNDIMET LCKNDFALKI KVKEITYINR DTKIILETKS KTIYKLNQVS ERDLKKSVLW LKDSLQCTCE</p>

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EMNDINAPYL VMGQKQGGEL VITSVKRWQK GQREFKRISR SIRKLQC

Purity >85% by SDS - PAGE

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

Concentration 1mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [SFRP2 secreted frizzled-related protein 2 \[Homo sapiens \]](#)

Official Symbol SFRP2

Synonyms SFRP2; secreted frizzled-related protein 2; FRP 2; SARP1; SDF 5; SARP-1; sFRP-2; secreted apoptosis related protein 1; secreted apoptosis-related protein 1; FRP-2; SDF-5;

Gene ID [6423](#)

mRNA Refseq [NM_003013](#)

Protein Refseq [NP_003004](#)

MIM [604157](#)

UniProt ID [Q96HF1](#)

Chromosome Location 4q31.3

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Pathway	Wnt Signaling Pathway NetPath, organism-specific biosystem; Wnt signaling pathway, organism-specific biosystem; Wnt signaling pathway, conserved biosystem;
Function	PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding; endopeptidase activator activity; fibronectin binding; integrin binding; metalloenzyme activator activity; receptor agonist activity;

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