

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	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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	33.8 kDa(297aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSARGLFLF GQPDFS YKRS NCKPIPVNLQ LCHGIEYQNM RLPNLLGHET MKEVLEQAGA WIPLVMKQCH PDTKKFLCSL FAPVCLDDLD ETIQPCHSLC VQVKDRCAPV MSAFGFPWPD MLECDRFPQD NDLCIPLASS DHLLPATEEA PKVCEACKNK NDDDNDIMET LCKNDFALKI KVKEITYINR DTKIILETKS KTIYKLNQVS ERDLKKSVLW LKDSLQCTCE

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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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