

AR51426PU-S

Human SFRP2 (20-295, His-tag) - Purified

Alternate names:

FKSG12, FRP-2, FRP2, Frizzled-related protein 2, SARP-1, SARP1, SFRP-2, Secreted apoptosis-related protein 1, Secreted frizzled-related protein 2

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q96HF1](#)

NCBI:

[NP_003004](#)

GeneID:

[6423](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Description:

Recombinant human SFRP2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSARGLFLF GQPDFSYKRS NCKPIPVNLQ LCHGIEYQNM
RLPNLLGHET MKEVLEQAGA WIPLVMKQCH PDKKFLCSL FAPVCLDDL ETIQPCHSLC
VQVKDRCAPV MSAFGFPWPD MLECDREFPD NDLCIPLASS DHLLPATEEA PKVCEACKNK
NDDNDIMET LCKNDFALKI KVKEITYINR DTKIILETKS KTIYKLNQVS ERDLKKSVLW
LKDSLQCTCE EMNDINAPYL VMGQKQGGEL VITSVKRWQK GQREFKRISR SIRKLQC

Molecular weight: 33.8 kDa (297aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Melkonyan HS. et al. (1998) Proc Natl Acad Sci U S A. 94:13636–13641.

Lescher B. et al. (1999) Dev. Dyn. 213:440–451.

Pictures:

