

# Recombinant human sFRP-2/SFRP2 protein

Catalog Number: ATGP2606

## PRODUCT INFORMATION

---

### Expression system

E.coli

### Domain

20-295aa

### UniProt No.

Q96HF1

### NCBI Accession No.

NP\_003004

### Alternative Names

Secreted frizzled-related protein 2, FRP-2, sFRP-2, Secreted apoptosis-related protein 1, SARP-1, SDF-5

## PRODUCT SPECIFICATION

---

### Molecular Weight

33.8 kDa (297aa)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M urea

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

---

### 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.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSARGLFLF GQPDFSYKRS NCKPIVNLQ LCHGIEYQNM RLPNLLGHET MKEVLEQAGA

# Recombinant human sFRP-2/SFRP2 protein

Catalog Number: ATGP2606

WIPLVMKQCH PDKKFLCSL FAPVCLDDLD ETIQPCHSLC VQVKDRCAPV MSAFGFPWPD MLECDRFPQD NDLCIPLASS  
DHLLPATEEA PKVCEACKNK NDDDNDIMET LCKNDFALKI KVKEITYINR DTKIILETKS KTIYKLNQVS ERDLKKSVLW  
LKDSLQCTCE EMNDINAPYL VMGQKQGGEL VITSVKRWQK GQREFKRISR SIRKLQC

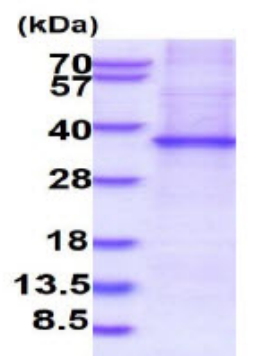
## General References

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.

## DATA

### SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.