

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 SSGLVPRGSH MGSARGLFLF GQPDFSYKRS NCKPIPVNLQ LCHGIEYQNM RLPNLLGHET MKEVLEQAGA

Recombinant human sFRP-2/SFRP2 protein

Catalog Number: ATGP2606

WIPLVMKQCH PDTKKFLCSL FAPVCLDDLD ETIQPCHSLC VQVKDRCAPV MSAFGFPWPD MLECDRFPQD NDLCIPLASS
DHLLPATEEA PKVCEACKNK NDDDNDIMET LCKNDFALKI KVKEITYINR DTKIILETKS KTIYKLNGVS ERDLKKSVLW
LKDSLQCTCE EMNDINAPYL VMGQKQG GEL VITSVKRWQK GQREFKRISR SIRKLQC

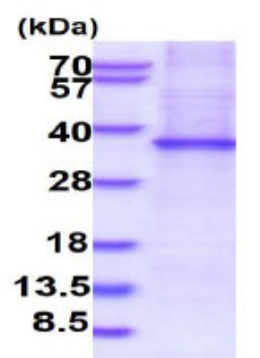
General References

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.