

Product information

SFRP5, 30-317aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2966

Full name: Secreted frizzled-related protein 5

NCBI Accession No.: NP_003006

Synonyms: SARP3

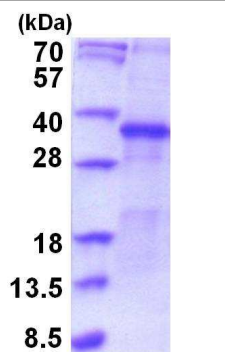
Description: SARP3, also known as secreted frizzled-related protein 5, is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. SFRP5 and SFRP1 may be involved in determining the polarity of photoreceptor cells in the retina. SFRP5 is highly expressed in the retinal pigment epithelium, and moderately expressed in the pancreas. Recombinant SFRP5, fused to His-tag at N-terminus, was expressed in *E.coli*.

Form: Liquid. In 20mM Tris-HCl(pH 8.0) containing 10% glycerol.

Molecular Weight: 35kDa (311aa)

Purity: > 85% by SDS - PAGE

Concentration: 1mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSEEDYYG WQAEPLHGRS YSKPPQCLDI PADLPLCHTV GYKRMRLPNL LEHESLAEVK QQASSWLPLL
 AKRCHSDTQV FLCSLFAPVC LDRPIYPCRS LCEAVRAGCA PLMEAYGFPW PEMLHCHKFP LDNDLCIAVQ FGHLPATAPP VTKICAQCEM
 EHSADGLMEQ MCSSDFVVKM RIKEIKIENG DRKLIQAQKK KLLKPGPLK RKDTRKRLVLH MKNGAGCPCP QLDSLGSFL VMGRKVDGQL
 LLMAVYRWDK KNKEMKFAVK FMFSYPCSLY YPPFYGAAEP H

General references:

Veeck J, Geisler C, *et al.* (2008). *Carcinogenesis*. 29(5):991-8.

Urakami S, Shiina H, *et al.* (2006). *Clin Cancer Res*. 12(7 Pt 1):2109-16.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.