

32-13415: SFRP5 Human

Alternative Name : Secreted Frizzled-Related Protein 5, SARP3, Secreted Apoptosis Related Protein 3, Secreted Apoptosis-Related Protein 3, Frizzled-Related Protein 1b, FRP-1b, SARP-3, SFRP-5, FRP1B, SFRP5.

Description

Source: Escherichia Coli.

Sterile Filtered clear solution.

Secreted Frizzled-Related Protein 5, also known as SFRP5, belongs to the SFRP family which includes a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs perform like soluble modulators of Wnt signaling. SFRP5 & SFRP1 are implicated in determining the polarity of photoreceptor cells in the retina. SFRP5 is highly expressed in the retinal pigment epithelium, as well as moderately expressed in the pancreas.

SFRP5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 311 amino acids (30-317 a.a) and having a molecular mass of 35kDa. SFRP5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : SFRP5 protein solution (1mg/ml) containing 20mM Tris-HCl (pH 8.0) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSEEDYDYG WQAEPLHGRS YSKPPQCLDI PADLPLCHTV
GYKRMRLPNL LEHESLAEVK QQASSWLPLL AKRCHSDTQV FLCSLFAPVC LDRPIYPCRS LCEAVRAGCA
PLMEAYGFPW PEMPLHCHKFP LDNDLCIAVQ FGHLPATAPP VTKICAQCEM EHSADGLMEQ
MCSSDFVVKM RIKEIKIENG DRKLIGAQKK KLLKPGPLK RKDTKRLVLH MKNGAGCPCP QLDSLGSFL
VMGRKVDGQL LLMAVYRWDK KNKEMKFAVK FMFSYPCSLY YPFFYGAAEP H.