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SFRP5 Human

Secreted Frizzled-Related Protein 5 Human Recombinant
RCP2073

Product Overview

Name	SFRP5 Human

Description

Secreted Frizzled-Related Protein 5 Human Recombinant

Accession (Primary)	Q5T4F7

Synonyms

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.

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

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

Stability

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.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS EEYDYYG WQAEPLHGRS YSKPPQCLDI PADLPLCHTV GYKRMRLPNL LEHESLAEVK QQASSWLPLL AKRCHSDTQV FLCSLFAPVC LDRPIYPCRS LCEAVRAGCA PLMEAYGFPW PEMLHCHKFP LDNDLCIAVQ FGHLPATAPP VTKICAQCEM EHSADGLMEQ MCSSDFVVKM RIKEIKIENG DRKLIGAQKK KKLLKPGPLK RKDTKRLVLH MKNGAGCPCP QLDSLAGSFL VMGRKVDGQL LLMAVYRWDK

KNKEMKFAVK FMFSYPCSLY YPFFYGAAEP H.

Precautions

SFRP5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q5T4F7)