

SFRP5, 30-317aa, Human, His tag, E.coli

Cat.NO.: TP03915

3th Edition

Synonyms: Secreted frizzled-related protein 5, 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)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSEEYDYYGWQAEPLHGRSYSKPPQCLDIPADLPLCHTVGYKRMRLPNLLEHE
SLAEVKQQASSWLPLLAKRCHSDTQVFLCSLFAPVCLDRPIYPCRSLCEAVRAGCAPLMEAYGFPWPEMLHCHKF
PLDNDLCIAVQFGHLPATAPPVTKICAQCEMEHSADGLMEQMCSSDFVVKMRIKEIKIENGDRKLIGAQKKKLLKP
GPLKRKDTKRLVLHMKNAGCPCQLDSLGSFLVMGRKVDGQLLLMAVYRWDKKNKEMKFAVKFMFSYPCSLY
YPPFYGAAEPH

Purity: > 95% by HPLC

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

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

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.