9051 Mira Mesa Blvd, #910094
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FRZB Human

Frizzled-Related Protein Human Recombinant
RCP0874

Product Overview

Name	FRZB Human
Description	
Frizzled-Related Protein Human Recombinant	
Accession (Primary)	Q92765
Synonyms	
Secreted frizzled-related protein 3, sFRP-3, Frezzled, Fritz, Frizzled-related protein 1, FrzB-1, FRZB, FIZ, FRE, FRP, FRZB1, SFRP3, OS1, FZRB, hFIZ, FRP-3, SFRP3, SRFP3, FRZB-PEN.	
Introduction	
Frizzled-Related Protein (FRZB) is a secreted protein which is involved in the regulation of bone development. FRZB gene defects cause the female-specific osteoarthritis (OA) susceptibility. sFRPS (Soluble frizzled-related proteins) serve as modulators of Wnt signaling by way of direct interaction with Wnts. sFRPS have a role in regulating cell growth and differentiation in specific cell types. SFRP3/FRZB is involved in limb skeletogenesis. FRZB regulates chondrocyte maturation and long bone development.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
FRZB protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA 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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS AACEPVR IPLCKSLPWN MTKMPNHLHH STQANAILAI EQFEGLLGTH CSPDLLFFLC AMYAPICTID FQHEPIKPCK SVCERARQGC EPILIKYRHS WPENLACEEL PVYDRGVCIS PEAIVTADGA DFPMDSSNGN CRGASSERCK CKPIRATQKT YFRNNYNYVI RAKVKEIKTK CHDVTAVVEV	

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KEILKSSLVN IPRDTVNLYT SSGCLCPPLN VNEEYIIMGY EDEERSRLLL VEGSIAEKWK DRLGKKVKRW DMKLRHLGLS KSDSSNSDST QSQKSGRNSN PRQARN.

Precautions

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

Target Information: (Q92765)