9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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FRZB Human, Sf9

Frizzled-Related Protein Human Recombinant, Sf9
RCP0875

Product Overview

Name	FRZB Human, Sf9
Description	
Frizzled-Related Protein Human Recombinant, Sf9	
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 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	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The FRZB solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) 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% as determined by SDS-PAGE.	
Amino acid sequence	
ADP AACEPVR IPLCKSLPWN MTKMPNHLHH STQANAILAI EQFEGLLGTH CSPDLLFFLC AMYAPICTID FQHEPIKPCK SVCERARQGC EPILIKYRHS WPENLACEEL PVYDRGVCIS PEAIVTADGA DFPMDSSNGN CRGASSERCK CKPIRATQKT YFRNNYNYVI RAKVKEIKTK CHDVTAVVEV KEILKSSLVN IPRDTVNLYT	

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SSGCLCPPLN VNEEYIIMGY EDEERSRLLL VEGSIAEKWK DRLGKKVKRW DMKLRHLGLS KSDSSNSDST QSQKSGRNSN PRQARN HHHH HH .

Precautions

FRZB Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q92765)