

32-3844: FRZB Recombinant Protein

Alternative Name : 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.

Description

Source : Escherichia Coli. FRZB Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 316 amino acids (33-325 a.a) and having a molecular mass of 35kDa.FRZB is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 20 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : FRZB protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA 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 MGSAACEPVR IPLCKSLPWN MTKMPNHLHH STQANAILAI
 EQFEGLLGTH CSPDLLFFLC AMYAPICTID FQHEPIKPCK SVCERARQGC EPILIKYRHS
 WPENLACEEL PVYDRGVCIS PEAIVTADGA DFPMDSSNGN CRGASSERCK CKPIRATQKT
 YFRNNYNYVI RAKVKEIKTK CHDVTAVVEV KEILKSSLVN IPRDTVNLTY SSGCLCPPLN
 VNEEYIIMGY EDEERSRLLL VEGSIAEKWK DRLGKKVKRW DMKLRHLGLS KSDSSNSDST
 QSQKSGRNSN PRQARN.

