

**FRZB, 33-325aa, Human, His tag, E.coli**

**Cat.NO.: TP02150**

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3th Edition

**Synonyms:** Secreted frizzled-related protein 3, SFRP3, SRFP3, FRE, FRITZ, FRP-3, FRZB-1, FRZB-PEN, FRZB1, FZRB, hFIZ, OS1

**Description:** FRZB is a secreted protein that is involved in the regulation of bone development. Defects in this gene are a cause of female-specific osteoarthritis (OA) susceptibility. Recombinant human FRZB protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Molecular Weight:** 35kDa (316aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSAACEPVRIPLCKSLPWNMTKMPNHLHHSTQANAILAIEQFEGLLGTHCSPDL  
LFFLCAMYAPICTIDFQHEPIKPKSV CERARQGCEPILIKYRHSWPENLACEELPVYDRGVCISPEAIVTADGADFP  
MDSSNGNCRGASSERCKCKPIRATQKTYFRNNYNYVIRAKVKEIKTKCHDVTAVVEVKEILKSSLVNIPRDTVNLVYTS  
SGCLCPPLNVNEEYIIMGYEDEERSRLLLVEGSIAEKWKDRLGKKVKRWDMKLRHLGLSKSDSSNSDSTQSQKSG  
RNSNPRQARN

**Purity:** > 95% by HPLC

**Concentration:** 1 mg/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.