

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

Cat.NO.: TP02150

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
LFFLCAMYAPICTIDFQHEPIKPCKSV CERARQGCEPILIKYRHSWPENLACEELPVYDRGVCISPEAIVTADGADFP
MDSSNGNCRGASSERCKCKPIRATQKTYFRNNYNYVIRAKVKEIKTKCHDVTAVVEVKEILKSSLVNIPRDTVNLITS
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.