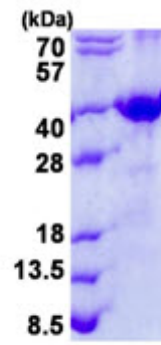


AR50712PU-N**Human FRZB / SFRP3 (33-325, His-tag) - Purified**

Alternate names:	FIZ, FRE, FRP, FRZB1, Frezzled, Fritz, Frizzled-related protein 1, FrzB-1, Secreted frizzled-related protein 3
Quantity:	0.5 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q92765
NCBI:	NP_001454
GeneID:	2487
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Description:	Recombinant human FRZB protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHH SGLVPRGSH MGSAAACEPVR IPLCKSLPWN MTKMPNHLHH STQANAILAI EQFEGLLGTH CSPDLLFFLC AMYAPICTID FQHEPIKPKC SVCERARQGC EPILIKYRHS WPENLACEEL PVYDRGVCIS PEAIVTADGA DFPMDSSNGN CRGASSERCK CKPIRATQKT YFRNNYNYVI RAKVKEIKTK CHDVTAVVEV KEILKSSLVN IPRDTVNLTY SSGCLCPPLN VNEEYIIMGY EDEERSRLLL VEGSIAEKWK DRLGKKVKRW DMKLRHLGLS KSDSSNSDST QSQKSGRNSN PRQARN Molecular weight: 35 kDa (316aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Baker-Lepain JC, Lynch JA, et al. (2012). Arthritis Rheum. 64(5):1457-65. Ekström EJ, Sherwood V, et al. (2011). PLoS One. 6(4):e18674.

Pictures:



15% SDS-PAGE (3ug)