

## Recombinant Human FRZB, His-tagged

Cat. No. FRZB-13010H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FRZB protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	27-325a.a.
<b>Description</b>	The protein encoded by this gene 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.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	FRZB frizzled-related protein [ Homo sapiens ]
<b>Official Symbol</b>	FRZB

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<b>Synonyms</b>	FRZB; frizzled-related protein; secreted frizzled-related protein 3; FRE; FRITZ; FRP 3; FRZB 1; FRZB PEN; FRZB1; FZRB; hFIZ; SFRP3; SRFP3; sFRP-3; frezzled; frizzled homolog-related; frizzled-related protein 1; OS1; FRP-3; FRZB-1; FRZB-PEN;
<b>Gene ID</b>	<a href="#">2487</a>
<b>mRNA Refseq</b>	<a href="#">NM_001463</a>
<b>Protein Refseq</b>	<a href="#">NP_001454</a>
<b>MIM</b>	<a href="#">605083</a>
<b>UniProt ID</b>	<a href="#">Q92765</a>
<b>Chromosome Location</b>	2qter
<b>Pathway</b>	Adipogenesis, organism-specific biosystem; Endochondral Ossification, organism-specific biosystem;
<b>Function</b>	PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding; Wnt-protein binding;

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