

## Active Recombinant Human FRZB, His-tagged

Cat. No. FRZB-208H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FRZB (Accession # AAB51298) Ala33-Asn325, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	33-325 a.a.
<b>Predicted N Terminal</b>	Ala33
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured by its ability to inhibit proliferation in MC3T3-E1 mouse preosteoblast cells. The ED50 for this effect is typically 1 - 4 µg/mL. Optimal concentrations should be determined by each laboratory for each application.
<b>Molecular Mass</b>	Recombinant Human FRZB, His-tagged has a calculated MW of 35 kDa. In SDS-PAGE migrates as 38 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**Reconstitution** Reconstitute at 100 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name** [FRZB frizzled-related protein \[ Homo sapiens \]](#)

**Official Symbol** FRZB

**Synonyms** 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;

**Gene ID** [2487](#)

**mRNA Refseq** [NM\\_001463](#)

**Protein Refseq** [NP\\_001454](#)

**MIM** [605083](#)

**UniProt ID** [Q92765](#)

**Chromosome Location** 2qter

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