

**Recombinant Human FRZB / sFRP-3 Protein (His tag)**

**Cat.NO.: TP06829**

3th Edition

**Synonyms:**FRE;FRITZ;FRP-3;FRZB-1;FRZB-PEN;FRZB1;FZRB;hFIZ;OS1;SFRP3;SRFP3

**Description:**FRZB also known as sFRP-3, is a secreted protein containing a domain similar to the putative Wnt-binding region of the frizzled family of transmembrane receptors. FRZB is widely expressed in adult mammalian tissues. In the *Xenopus* gastrula, FRZB is regulated as a typical Spemann organizer component. FRZB also functions as a competitor for the cell-surface G-protein receptor Frizzled. It is especially important in embryonic development. Defects in FRZB gene can cause female-specific osteoarthritis (OA) susceptibility. FRZB may serve an important role in determining hip shape and may modify the relationship between hip shape and OA.

**Form:**PBS

**Molecular Weight:**34.5 kDa

**Sequences:**Ala32-Asn325

**Purity:**> 95% by HPLC

**Concentration:**

**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.