Datasheet for ABIN7317893

FRZB Protein (His tag)

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Overview

Quantity:	50 µg
Target:	FRZB
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FRZB protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human FRZB/sFRP-3 Protein (His Tag)
Sequence:	Ala32-Asn325
Characteristics:	A DNA sequence encoding the human FRZB (NP_001454.2) (Ala32-Asn325) was expressed with a C-terminal polyhistidine tag.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	FRZB
Alternative Name:	FRZB/sFRP-3 (FRZB Products)
Background:	Background: 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

Target Details

	typical Spemann organizer component. FRZB also functions as a competitor for the cell-surface G-protein receptor Frizzled. It is espically 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. Synonym: FRE,FRITZ,FRP-3,FRZB-1,FRZB-PEN,FRZB1,FZRB,hFIZ,OS1,SFRP3,SRFP3
Molecular Weight:	34.5 kDa
NCBI Accession:	NP_001454
Pathways:	WNT Signaling, Positive Regulation of fat Cell Differentiation

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.