Recombinant Human FRZB/sFRP-3 Protein (His Tag)

Catalog Number: PKSH031646

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

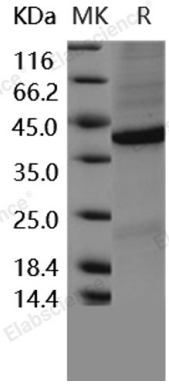
Description

Species	Human
Source	HEK293 Cells-derived Human FRZB/sFRP-3 protein Ala32-Asn325, with an C-terminal His
Calculated MW	34.5 kDa
Observed MW	41 kDa
Accession	NP_001454.2
Bio-activity	Not validated for activity

Properties

Purity	> 85% as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 85 % as determined by reducing SDS-PAGE.

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 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.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com