

Recombinant Human FSTL1 Protein (His Tag, E. coli)

Catalog Number:PKSH032455



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

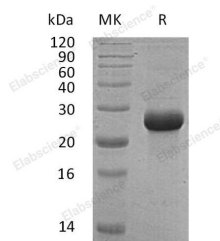
Description

Synonyms	Follistatin-Related Protein 1;Follistatin-Like Protein 1;FSTL1;FRP
Species	Human
Expression Host	E.coli
Sequence	Glu21-Ile308
Accession	Q12841
Calculated Molecular Weight	33.8 kDa
Observed molecular weight	30-38 kDa
Tag	C-His

Properties

Purity	> 95 % 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 a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 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



> 95 % as determined by reducing SDS-PAGE.

Background

Follistatin-Related Protein 1 (FSTL1) is a secreted protein that contains two EF-hand domains; one follistatin-like domain; one Kazal-like domain; and one VWFC domain. Its functional significance in physiological and pathological processes is not completely understood. However; FSTL1 is thought to modulate the action of some growth factors on cell proliferation and differentiation. FSTL1 maybe an autoantigen associated with rheumatoid arthritis.

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