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Datasheet for ABIN7318500 FSTL1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	FSTL1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FSTL1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human FSTL1 Protein (His Tag, E. coli)(Active)
Sequence:	Glu21-Ile308
Characteristics:	Recombinant Human Follistatin-like Protein 1 is produced by our E.coli expression system and the target gene encoding Glu21-Ile308 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human FSTL1-His at 10µg/ml(100 µl/well) can bind Mouse BMPRII-A-Fc-His(Cat: PKSM041249).

Target Details

Target:	FSTL1
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Target Details

Alternative Name: FSTL1 ([FSTL1 Products](#))

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.

Synonym: Follistatin-Related Protein 1, Follistatin-Like Protein 1, FSTL1, FRP

Molecular Weight: 33.8 kDa

UniProt: [Q12841](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 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.