



# Recombinant Protein Technical Manual

## Recombinant Human FSTL1 Protein (Active)

RPES4254

### Product Data:

**Product SKU:** RPES4254

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** Q12841

### Protein Information:

**Molecular Mass:** 33.0 kDa

**AP Molecular Mass:** 33 kDa

#### Tag:

**Bio-activity:** Immobilized Human FSTL1 at 10µg/ml(100 µl/well) can bind Mouse BMPRI1A-Fc-His(Cat: PKSM041249).

**Purity:** > 90 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** 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.

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

**Application:** Functional ELISA

**Synonyms:** Follistatin-Related Protein 1; Follistatin-Like Protein 1; FSTL1; FRP

## Immunogen Information:

**Sequence:** Glu21-Ile308

## 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.