



# Recombinant Protein Technical Manual

## Recombinant Human FSTL1 Protein (His Tag, Human Cells)

RPES1213

### Product Data:

**Product SKU:** RPES1213

**Size:** 10µg

**Species:** Human

**Expression host:** Human Cells

**Uniprot:** Q12841

### Protein Information:

**Molecular Mass:** 33.5 kDa

**AP Molecular Mass:** 33.5 kDa

**Tag:** C-6His

**Bio-activity:**

**Purity:** > 95 % 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 20mM PB, 150mM NaCl, pH7.4.

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

**Application:**

**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.