

HUMAN FSTL1 PROTEIN, HIS TAG

Cat.#: 11948

Product Name: Human FSTL1 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: FRP;FSL1;OCC1;OCC-1;tsc36;MIR198

Target: FSTL1

UNIPROT ID: Q12841

Description: Recombinant Human FSTL1 Protein with C-terminal 6xHis tag

Background: This gene encodes a protein with similarity to follistatin, an activin-binding protein. It contains an FS module, a follistatin-like sequence containing 10 conserved cysteine residues. This gene product is thought to be an autoantigen associated with rheumatoid arthritis. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 33.5 kDa after removal of the signal peptide. The apparent molecular mass of FSTL1-His is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: FSTL1(Glu21-Ile308) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

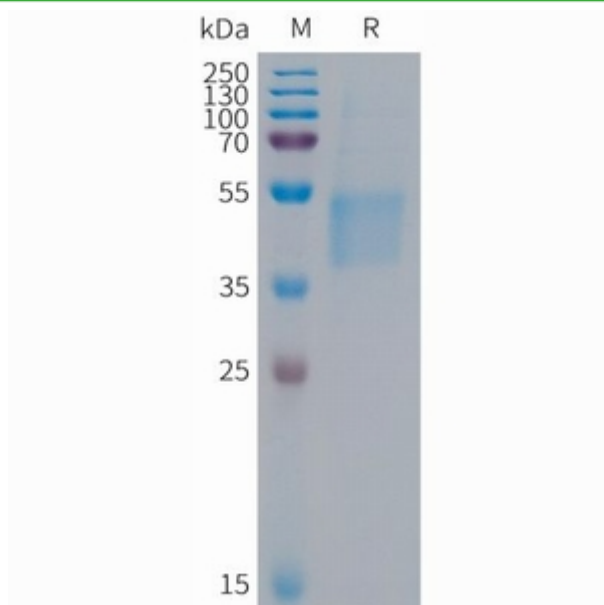


Figure 1. Human FSTL1 Protein, His Tag on SDS-PAGE under reducing condition.