

## HUMAN F2RL3 PROTEIN

**Cat.#:** 12280

**Product Name:** Human F2RL3 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** PAR4

**Target:** F2RL3

**UNIPROT ID:** Q96RI0

**Description:** Recombinant human F2RL3 Protein with C-terminal human Fc tag

**Background:** This gene encodes a member of the protease-activated receptor subfamily, part of the G-protein coupled receptor 1 family of proteins. The encoded receptor is proteolytically processed to reveal an extracellular N-terminal tethered ligand that binds to and activates the receptor. This receptor plays a role in blood coagulation, inflammation and response to pain. Hypomethylation at this gene may be associated with lung cancer in human patients. [provided by RefSeq, Sep 2016]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 29.5 kDa after removal of the signal peptide. The apparent molecular mass of F2RL3-hFc is approximately 25-55 kDa due to glycosylation.

**Molecular Characterization:** F2RL3(Gly48-Arg78) hFc(Glu99-Ala330)

**Purity:** The purity of the protein is greater than 95% 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.

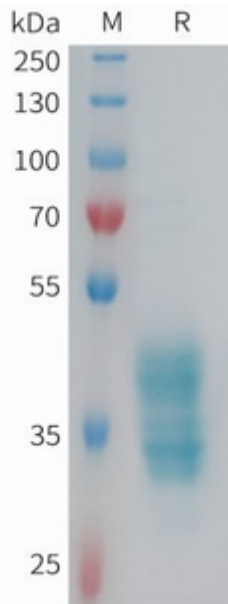


Figure 1. Human F2RL3 Protein, hFc Tag on SDS-PAGE under reducing condition.