

HUMAN F2RL3 PROTEIN**Cat.#:** 12280**Product Name:** Human F2RL3 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** PAR4**Target:** F2RL3**UNIPROT ID:** Q96RIO**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.

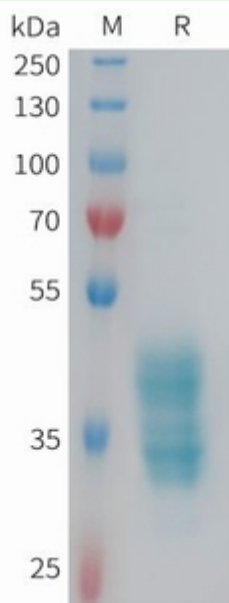


Figure 1. Human F2RL3 Protein, hFc Tag on SDS-PAGE under reducing condition.