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.

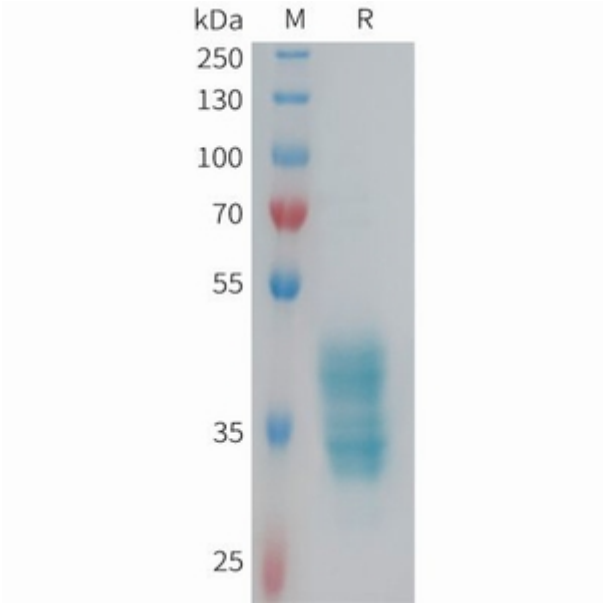

Figure 1. Human F2RL3 Protein, hFc Tag on SDS-PAGE under reducing condition.