PRODUCT INFORMATION

Target	F2RL1
Synonyms	GPR11;PAR2
Description	Recombinant human F2RL1 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P55085
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	F2RL1(Ser37-Gly71) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 29.7 kDa after removal of the signal peptide. The apparent molecular mass of F2RL1-hFc is approximately 33-53 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
Background	This gene encodes a member of the G-protein coupled receptor 1 family of proteins. The encoded cell surface receptor is activated through proteolytic cleavage of its extracellular amino terminus, resulting in a new amino terminus that acts as a tethered ligand that binds to an extracellular loop domain. Activation of the receptor has been shown to stimulate vascular smooth muscle relaxation, dilate blood vessels, increase blood flow, and lower blood pressure. This protein is also important in the inflammatory response, as well as innate and adaptive immunity. [provided by RefSeq, Jun 2016]
Usage	Research use only
Conjugate	Unconjugated

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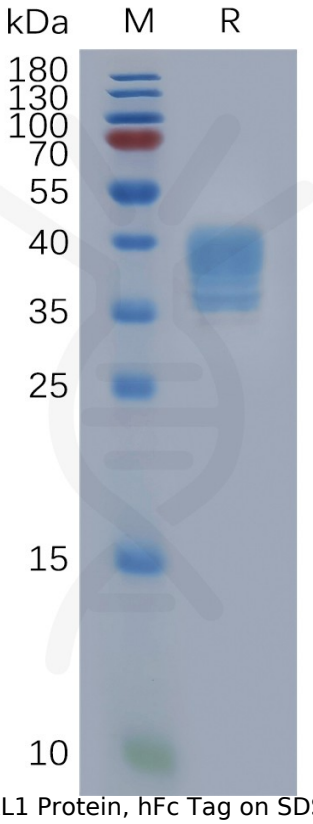


Figure 1. Human F2RL1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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