PRODUCT INFORMATION

Target	PLA2R1
Synonyms	CLEC13C;PLA2-R;PLA2G1R;PLA2IR;PLA2R
Description	Recombinant Human PLA2R1(21-164) Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q13018
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	PLA2R1(Glu21-Lys164) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 42.2 kDa after removal of the signal peptide. The apparent molecular mass of PLA2R1(21-164)-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	This gene represents a phospholipase A2 receptor. The encoded protein likely exists as both a transmembrane form and a soluble form. The transmembrane receptor may play a role in clearance of phospholipase A2, thereby inhibiting its action. Polymorphisms at this locus have been associated with susceptibility to idiopathic membranous nephropathy. Alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, Sep 2010]
Usage	Research use only
Conjugate	Unconjugated

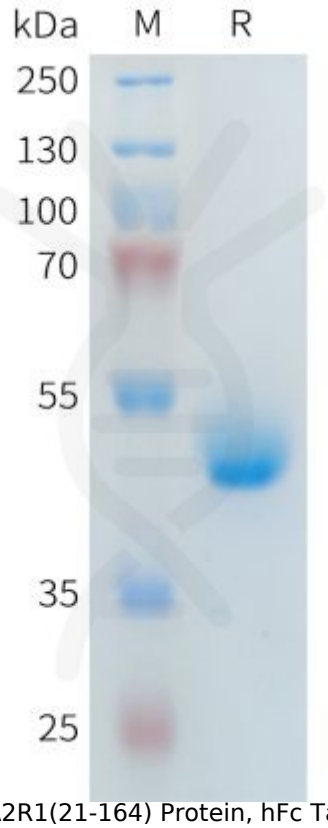

Figure 1.Human PLA2R1(21-164) Protein, hFc Tag on SDS-PAGE under reducing condition.