

PRODUCT INFORMATION

Target LPAR2

Synonyms EDG4, LPA2, EDG-4, LPA-2

Recombinant human LPAR2 Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** Q9HBW0 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Purity

Background

LPAR2(Met1-Asp29) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 29.6 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of family I of the G protein-coupled receptors, as well as the EDG family of proteins. This protein functions as a lysophosphatidic acid (LPA) receptor and contributes to Ca2+ mobilization, a critical cellular response to LPA in cells, through

association with Gi and Gq proteins. An alternative splice variant has been described but its full length sequence has not been determined.

[provided by RefSeq, Jul 2008]

Usage Research use only Conjugate Unconjugated







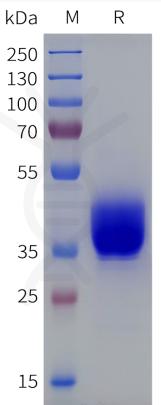


Figure 1. Human LPAR2 Protein, hFc Tag on SDS-PAGE under reducing condition.



