Active Recombinant Human LPAR1 Full Length Transmembrane protein(VLPs)

Cat. No. LPAR1-4815H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LPAR1 Full Length Transmembrane protein(VLPs)(Q92633-1)(Met1-Val364) is expressed from HEK293.
Species	Human
Source	HEK293
ProteinLength	1-364 aa
Form	Supplied as 0.22μm filtered solution in PBS, 300mM L-arginine (pH 7.4).
Bio-activity	Immobilized Human LPAR1 VLP at 5μg/ml (100μl/well) on the plate. Dose response curve for Anti-LPAR1 Antibody, hFc Tag with the EC50 of 20.4ng/ml determined by ELISA.
Molecular Mass	The target protein has a predicted MW of 43.1 kDa.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 90% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Concentration	0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	LPAR1 lysophosphatidic acid receptor 1 [Homo sapiens]
Official Symbol	LPAR1
Synonyms	LPAR1; lysophosphatidic acid receptor 1; EDG2, endothelial differentiation, lysophosphatidic acid G protein coupled receptor, 2; edg 2; Gpcr26; GPR26; LPA1; Mrec1.3; rec.1.3; vzg 1; LPA-1; LPA receptor 1; ventricular zone gene 1; lysophosphatidic acid receptor Edg-2; endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 2; EDG2; VZG1; edg-2; vzg-1;
Gene ID	1902
mRNA Refseq	NM_001401
Protein Refseq	NP_001392
MIM	602282
UniProt ID	Q92633

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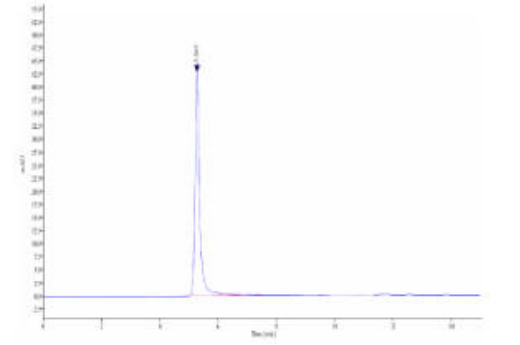
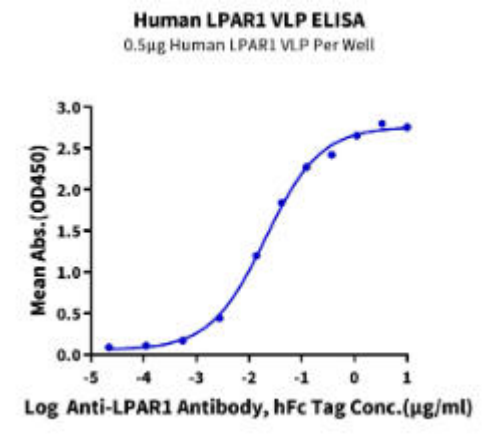
SEC-HPLC	
ELISA Data	

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