

Recombinant Human LPAR1, GST-tagged

Cat. No. LPAR1-616H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LPAR1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-60aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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

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	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
Chromosome Location	9q
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Gap junction, organism-specific biosystem; Gap junction, conserved biosystem;
Function	G-protein alpha-subunit binding; G-protein coupled receptor activity; PDZ domain binding; lysophosphatidic acid receptor activity; phospholipid binding; protein binding; receptor activity; signal transducer activity;