

Recombinant Human LPAR3, GST-tagged

Cat. No. LPAR3-618H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LPAR3 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	LPAR3 lysophosphatidic acid receptor 3 [Homo sapiens]
Official Symbol	LPAR3
Synonyms	LPAR3; lysophosphatidic acid receptor 3; EDG7, endothelial differentiation, lysophosphatidic acid G protein coupled receptor, 7; Edg 7; HOFNH30; LP A3; LPA3; RP4 678I3; LPA-3; LPA receptor 3; LPA receptor EDG7; lysophosphatidic acid receptor Edg-7; endothelial cell differentiation gene 7; calcium-mobilizing

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	lysophosphatidic acid receptor LP-A3; endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 7; EDG7; GPCR; Edg-7; LP-A3; RP4-678I3; FLJ98231;
Gene ID	23566
mRNA Refseq	NM_012152
Protein Refseq	NP_036284
MIM	605106
UniProt ID	Q9UBY5
Chromosome Location	1p22.3
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; LPA receptor mediated events, organism-specific biosystem; Lysosphingolipid and LPA receptors, organism-specific biosystem;
Function	G-protein alpha-subunit binding; G-protein coupled receptor activity; lipid binding; lysophosphatidic acid receptor activity; phospholipid binding; receptor activity; signal transducer activity;