

Recombinant Full Length Human LPAR3 Protein, GST-tagged

Cat. No. LPAR3-4693HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EDG7 full-length ORF (NP_036284.1, 1 a.a. - 353 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	353 amino acids
Description	This gene encodes a member of the G protein-coupled receptor family, as well as the EDG family of proteins. This protein functions as a cellular receptor for lysophosphatidic acid and mediates lysophosphatidic acid-evoked calcium mobilization. This receptor couples predominantly to G(q/11) alpha proteins. [provided by RefSeq, Jul 2008]
Molecular Mass	66.5 kDa
AA Sequence	MNECHYDKHMDFFYNRSNTDTVDDWTGTKLVIVLCVGTFFCLFIFFSNSLVIAAVIKN RKHFHFPFYLLANLAAADFFAGIAYVFLMFNTGPVSKTLTVNRWFLRQGLLDSSLTAS LTNLLVIAVERHMSIMRMVHSNLTKKRVTLILLVWAIAIFMGAVPTLGWNCLCNISA CSSLAPIYSRSLVFWTVSNLMAFLIMVVVYLRIYVYVKRKTNVLSPTSGSISRRT PMKLMKTMVTVLGAFVVCWTPGLVLLLDGLNCRQCGVQHVKRWFLLLALLNSVNV PIIYSYKDEDMYGTMMKMICCFSQENPERRPSRIPSTVLSRSDTGSQYIEDSISQGAV CNKSTS

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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 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

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MIM	605106
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UniProt ID	Q9UBY5
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