

Recombinant Human LPAR3 Protein

Cat. No. LPAR3-4725H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LPAR3 full-length ORF (NP_036284.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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]
Form	Liquid
Molecular Mass	40.1 kDa
AA Sequence	MNECHYDKHMDFFYNRSNTDTVDDWTGTKLVIVLCVGTFFCLFIFFSNSLVIAAVIKN RKHFHFPFYLLANLAAADFFAGIAYVFLMFNTGPVSKTLTVNRWFLRQGLLDSSLTAS LTNLLVIAVERHMSIMRMRVHSNLTKKRVTLILLVWAIAIFMGAVPTLGWNCLCNISA CSSLAPIYSRSYLVFWTVSNLMAFLIMVVVYLRIYVYVKRKTNVLSPHTSGSISRRT PMKLMKTVMTVLGAFVVCWTPGLVLLLDGLNCRQCGVQHVKRWFLLLALLNSVNVN PIIYSYKDEDMYGTMMKKMICCFSQENPERRPSRIPSTVLSRSDTGSQYIEDSISQGAV CNKSTS
Applications	Antibody Production

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	Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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	25 mM Tris-HCl of pH8.0 containing 2% 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 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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