

Recombinant Full Length Human LPAR3 Protein

Cat. No. LPAR3-5970HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LPAR3 full-length ORF (NP_036284.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	600 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]
Form	Liquid
Molecular Mass	40.1 kDa
AA Sequence	MNECHYDKHMDFFYNRSNTDTVDDWTGKLVIVLCVGTFFCLFIFFSNSLVIAAVIKN RKHFHPPFYLLANLAAADFFAGIAYVFLMFNTGPVSKTLTVNRWFLRQGLLDSSLTAS LTNLLVIAVERHMSIMRMRVHSNLTKKRVTLILLVWAIIFMGAVPTLGWNCLCNISA CSSLAPIYSRSLVFWTVSNLMAFLIMVVVYLRIYVYVKRKTNVLSPHTSGSISRRT PMKLMKTMVTLGAFVVCWTPGLVLLLDGLNCRQCGVQHVKRWFLLLALLNSVFN PIIYSYKDEDMYGTMMKMICCFSQENPERRPSRIPSTVLSRSDTGSQYIEDSISQGAV CNKSTS

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Applications	Antibody Production Functional Study Compound Screening
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
MIM	605106

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UniProt ID

Q9UBY5

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