Recombinant Human LPAR2 Protein

Cat. No. LPAR2-4726H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LPAR2 full-length ORF (NP_004711.2) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of family I of the G protein-coupled receptors, as well as the EDG family of proteins. This protein functions as a lysophosphatidic acid (LPA) receptor and contributes to Ca2+ mobilization, a critical cellular response to LPA in cells, through association with Gi and Gq proteins. An alternative splice variant has been described but its full length sequence has not been determined. [provided by RefSeq
Form	Liquid
Molecular Mass	39.1 kDa
AA Sequence	MVIMGQCYYNETIGFFYNNSGKELSSHWRPKDVVVVALGLTVSVLVLLTNLLVIAAIA SNRRFHQPIYYLLGNLAAADLFAGVAYLFLMFHTGPRTARLSLEGWFLRQGLLDTSL TASVATLLAIAVERHRSVMAVQLHSRLPRGRVVMLIVGVWVAALGLGLLPAHSWHCL CALDRCSRMAPLLSRSYLAVWALSSLLVFLLMVAVYTRIFFYVRRRVQRMAEHVSC HPRYRETTLSLVKTVVIILGAFVVCWTPGQVVLLLDGLGCESCNVLAVEKYFLLLAEA NSLVNAAVYSCRDAEMRRTFRRLLCCACLRQSTRESVHYTSSAQGGASTRIMLPEN GHPLMDSTL

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Applications	Antibody Production 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	LPAR2 lysophosphatidic acid receptor 2 [Homo sapiens]
Official Symbol	LPAR2
Synonyms	LPAR2; lysophosphatidic acid receptor 2; EDG4, endothelial differentiation, lysophosphatidic acid G protein coupled receptor, 4; EDG 4; LPA2; LPA receptor 2; LPA receptor EDG4; G protein-coupled receptor; lysophosphatidic acid receptor EDG4; lysophosphatidic acid receptor Edg-4; endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 4; EDG4; EDG-4; LPA-2; FLJ93869;
Gene ID	9170
mRNA Refseq	NM_004720
Protein Refseq	NP_004711

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MIM	605110
UniProt ID	Q9HBW0

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