



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### LPAR1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001902-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human LPAR1 full-length ORF ( NP\_001392.2, 1 a.a. - 364 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAAISTSIPVISQPQFTAMNEPQCFYNESIAFFYNRSGK  
HLATEWNTVSKLVMGLGITVCIFIMLANLLVMVAIYVNR  
RFHFPIYYLMANLAAADFFAGLAYFYLMFNTGPNTRRL  
TVSTWLLRQGLIDTSLTASVANLLAIAIERHITVFRMQLH  
TRMSNRRVVVVIVVIWTMAIVMGAIPSVGWNCICDIEN  
CSNMAPLYSDSYLVFWAIFNLVTFVVMVLYAHIFGYV  
RQRTMRMSRHSSGPRRNRDTMMSLLKTVVIVLGAFII  
CWTPGLVLLLLDVCCPQCDVLAYEKFFLLAEFNSAM  
NPIIYSYRDKEMSATFRQILCCQRSENPTGPTEGSDRS  
ASSLNHTILAGVHSNDHSVV

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 67.5

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 1902

**Gene Symbol:** LPAR1

**Gene Alias:** EDG2, GPR26, Gpcr26, LPA1, Mrec1.3, VZG1, edg-2, rec.1.3, vzg-1

**Gene Summary:** The integral membrane protein encoded by this gene is a lysophosphatidic acid (LPA) receptor from a group known as EDG receptors. These receptors are members of the G protein-coupled receptor superfamily. Utilized by LPA for cell signaling, EDG receptors mediate diverse biologic functions, including proliferation, platelet aggregation, smooth muscle contraction, inhibition of neuroblastoma cell differentiation, chemotaxis, and tumor cell invasion. Two transcript variants encoding the same protein have been identified for this gene [provided by RefSeq]