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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

EDG4 (Human) Recombinant Protein (P02)

Catalog Number: H00009170-P02

Regulation Status: For research use only (RUO)

Product Description: Human EDG4 full-length ORF (NP_004711.2, 1 a.a. - 351 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MVIMGQCYNETIGFFYNNSGKELSSHWRPKDVVVVA
LGLTVSVLVLLTNLLVIAAIASNRRFHQPIYYLLGNLAAA
DLFAGVAYLFLMFHTGPRTARLSLEGWFLRQGLDTS
LTASVATLLAIAVERHRSMVAVQLHSRLPRGRVVMLIV
GVWVAALGLGLLPAHSWHCLCALDRCSRMAPLLSRS
YLAVWALSSLLVFLLMVAVYTRIFFYVRRRVQRMAEHV
SCHPRYRETTLSLVKTVVILGAFVVCWTPGQVLLLLD
GLGCESCNVLAVEKYFLLAEANSLVNAAVYSCRDAE
MRRTFRRLLCCACLRQSTRESVHYTSSAQGGASTRIM
LPENGHPLMDSTL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 65.5

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: 9170

Gene Symbol: LPAR2

Gene Alias: EDG-4, EDG4, FLJ93869, LPA2

Gene Summary: 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]