



# SZABO SCANDIC

Part of Europa Biosite

## 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

### LPL (Human) Recombinant Protein (P01)

**Catalog Number:** H00004023-P01

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

**Product Description:** Human LPL full-length ORF ( NP\_000228.1, 1 a.a. - 475 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MESKALLVLTAVWLQSLTASRGGVAAADQRRDFIDIE  
SKFALRTPEDTAEDTCHLIPGVAESVATCHFNHSSKTF  
MVIHGWTVTGMYESWVPKLVAALYKREPDSNVIVVD  
WLSRAQEHYPVSAGYTKLVGQDVARFINWMEEFNY  
PLDNVHLLGYSLGAAHAAGIAGSLTNKKVNRITGLDPAG  
PNFEYAEAPSRSLSPDDADFVDLHTFTRGSPGRSIGIQ  
KPVGHVDIYPNGGTFQPGCNIGEAIRVIAERGLGDVDQ  
LVKCSHERSIHLFIDSLNNEENPSKAYRCSSKEAFEKGL  
CLSCRKNRCNNLGYEINKVRAKRSSKMYLKTRSQMPY  
KVFHYQVKIHFSGTESEHTNQAFEISLYGTVAEENIP  
FTLPEVSTNKTYSFLLIYTEVDIGELMLKWKSDSYFS  
WSDWWSSPGFAIQKIRVKAGETQKKVIFCSREKVS HL  
QK GKAPAVFVKCHDKSLNKKSG

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

**Theoretical MW (kDa):** 79.6

**Interspecies Antigen Sequence:** Mouse (93); Rat (92)

**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:** 4023

**Gene Symbol:** LPL

**Gene Alias:** HDLCQ11, LIPD

**Gene Summary:** LPL encodes lipoprotein lipase, which is expressed in heart, muscle, and adipose tissue. LPL functions as a homodimer, and has the dual functions of triglyceride hydrolase and ligand/bridging factor for receptor-mediated lipoprotein uptake. Severe mutations that cause LPL deficiency result in type I hyperlipoproteinemia, while less extreme mutations in LPL are linked to many disorders of lipoprotein metabolism. [provided by RefSeq]