



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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
WLSRAQEHYPVSAGYTKLVGQDVARFINWMEEEFN
PLDNVHLLGYSLGAHAAGIAGSLTNKKVNTRITGLDPAG
PNFEYAEAPSRSPDDADFVDLHTFTRGSPGRSIGIQ
KPVGHVDIYPNGGTFQPGCNIGEIRVIAERGLGDVDQ
LVKCSHERSIHLFIDSLNNEENPSKAYRCSSKEAFEKGL
CLSCRKNRCNNLGYEINKVRAKRSSKMYLKTRSQMPY
KVFHYQVKIHFSGTESEHTNQAFEISLYGTVAEENIP
FTLPEVSTNKTYSFLLIYTEVDIGELMLKLKWKSDSYFS
WSDWWSSPGFAIQKIRVKAGETQKKVIFCSREKVS
HLKQKGAFAVFKCHDKSLNKKSG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 79.6

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]