



# 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

### LDLR (Human) Recombinant Protein (P01)

**Catalog Number:** H00003949-P01

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

**Product Description:** Human LDLR full-length ORF (AAH14514.1, 1 a.a. - 860 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGPWGWKLRWTVALLLAAAGTAVGDR CERNEFQCQ  
DGK CISYKWVCDGSAECQDGSDESQETCLSVTCKSG  
DFSCGGRVNR CIPQFWRCDGQVDCDNGSDEQGCPP  
KTCSQDEF RCHDGK CISRQFVCDSDRDCLDGSDEAS  
CPVLT CGPASFCNSSTCIPQLWACDNDPDCEDGSD  
EWPQR CRGLYVFQGDSSPCSAFEFHCLSGECIHSSW  
RCDGGPDCKDKSDEENCAVATCRPDEFQCS DGNCIH  
GSRQCDREYDCKDMSDEVGCVNVTLC EGP NKFKCHS  
GECITLDKVCNMARDCRDWSDEPIKECGTNECLDNN  
GGC SHVCNDLKIGYECLCPDGFQLVAQR CED IDECQ  
DPD TCSQLCVNLEGGYKQCCEEGFQLDPHTKACKAV  
GSIAYLFF TNRHEVRKMTLDRSEY TSLIPNL RNVVALDT  
EVASNRIY WSDLSQRMICSTQLDRAHGVSSYDTVISR  
DIQAPDGLAVDWIHSNIYWTDSVLGTVSVADTKGVKR  
KTLFRENGSKPRAIVDPVHGFM YWTDWGTPAKIKKG  
GLNGVDIYSLVTENIQWPNGITLDLLSGRLYWVDSKLH  
SISSIDVNGGNRKTILEDEKRLAHPFSLAVFEDKVFWT  
DIINEAIFSANRLTGSDVNLLAENLLSPEDMVL FHNLTQ  
PRGVNWCERTT LSNGGCQYLCLPAPQINPHSPKF TCA  
CPDGM L LARDMRSCLTEAEAAVATQETSTVRLKVSST  
AVRTQHTTTRPVPDTSR L PGATPGLTTVEIVTMSHQAL  
GDVAGRGNEKKPSSVRALSIVLPIVLLVFLCLGVFLLW  
KNWRLKNINSINF DNPVYQKTTEDEVHICHNQDGYSY  
PSRQMVSLEDDVA

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

**Theoretical MW (kDa):** 120.23

**Interspecies Antigen Sequence:** Mouse (79)

**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:** 3949

**Gene Symbol:** LDLR

**Gene Alias:** FH, FHC

**Gene Summary:** The low density lipoprotein receptor (LDLR) gene family consists of cell surface proteins involved in receptor-mediated endocytosis of specific ligands. Low density lipoprotein (LDL) is normally bound at the cell membrane and taken into the cell ending up in lysosomes where the protein is degraded and the cholesterol is made available for repression of microsomal enzyme 3-hydroxy-3-methylglutaryl coenzyme A (HMG CoA) reductase, the rate-limiting step in cholesterol synthesis. At the same time, a reciprocal stimulation of cholesterol ester synthesis takes place. Mutations in this gene cause the autosomal dominant disorder, familial hypercholesterolemia. [provided by RefSeq]