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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

LDLR (Human) Recombinant Protein (Q01)

Catalog Number: H00003949-Q01

Regulation Status: For research use only (RUO)

Product Description: Human LDLR partial ORF (NP_000518, 105 a.a. - 205 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

PPKTCSQDEFRC HDGKICISRQFVCDS DRDCLDGSDE
ASCPVLTCGPASFQCNSSTCIPQLWACDNDPDCEDG
SDEWPQRCRGLYVFQGDSSPCSAFEFHCL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.85

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]

References:

1. Patients with primary membranous nephropathy lack auto-antibodies against LDL receptor, the homologue of megalin in human glomeruli. Bruschi M, Candiano G, Murtas C, Prunotto M, Santucci L, Carnevali ML, Scolari F, Allegri L, Ghiggeri GM. NDT Plus, doi:10.1093/ndtplus/sfp002