



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



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Zellkultur & Verbrauchsmaterial



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Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### LDLR, FLAG-Tag

Human, Recombinant, C-terminal FLAG-tag

**Catalog #:** 71205

**Lot #:** 170223-2    **Conc.:** 1.10 mg/ml

**Formulated in:** 8 mM Phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol, 100µg/mL FLAG peptide.

**Stability:** At least 6 months at -80°C. Avoid freeze thaw cycles. Storing diluted protein is not recommended, if necessary, use a carrier protein (BSA 0.1 – 0.5%).

**References:**

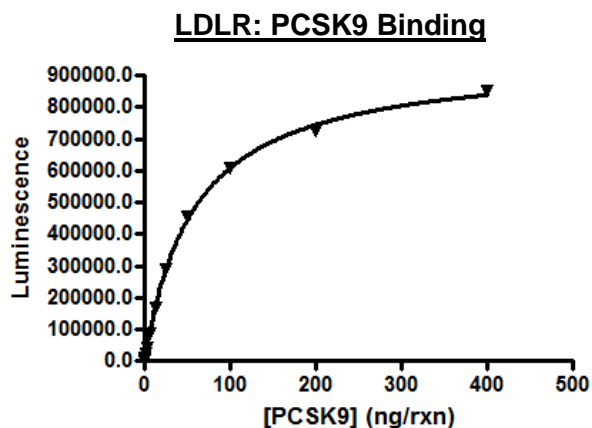
1. Holla, L., *et al.*, *BMC Cell Biol.* 2007 Mar 1;**8**:9.
2. Qian, YW., *et al.*, *J Lipid Res.* 2007 Jul;**48**(7):1488-98.
3. Fasano, T., *et al.*, *Athersclerosis.* 2009 Mar;**203**(1):166-71.

**Description:** Human low density lipoprotein receptor (LDLR), also known as FH, FHC, and LDLCQ2, GenBank Accession No. NM\_000527, a.a. 22-788, with C-terminal Flag-tag, MW=86 kDa, expressed in a HEK293 cell expression system. LDLR is heavily glycosylated, resulting in higher molecular weight. The two bands shown correspond to differing states of glycosylation.

**Assay Conditions:** 100 ng/well of LDLR in 50 µl (overnight at 4°C). Initiated binding reaction with addition of various concentrations of PCSK9-biotin (50 ng/well is the established kit condition). Incubated for 2 hours at room temperature. Detected binding with Strep-HRP generated luminescence.

**Application:** Useful for studying protein binding and screening small molecules.

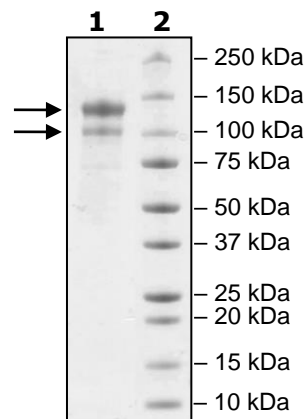
### Quality Assurance



**4-20% SDS-PAGE  
 Coomassie staining**

**Lane 1:**  
 2 µg LDLR  
**Lane 2:**  
 Protein Marker

**MW:** 86 kDa +  
 Glycans  
**Purity:** ≥90%



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