



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### LRP6 (Human) Recombinant Protein

**Catalog Number:** P9788

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

**Product Description:** Human LRP6 (O75581-1, Ala20-Pro630) partial recombinant protein with mFc tag at C-Terminus expressed in HEK293 cells.

**Sequence:** Ala20-Pro630

**Host:** Human

**Theoretical MW (kDa):** 95.3

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Lyophilized

**Preparation Method:** Mammalian cell (HEK293) expression system

**Recommend Usage:** Biological Activity

ELISA

SDS-PAGE

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from sterile distilled Water is > 100 ug/mL

**Storage Instruction:** Store at 2°C to 8°C for 1 week.

For long term storage, aliquot and store at -20°C to -80°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4040

**Gene Symbol:** LRP6

**Gene Alias:** ADCAD2, FLJ90062, FLJ90421

**Gene Summary:** The LRP6 gene encodes a member of the low density lipoprotein receptor (LDLR) gene family, which consists of cell surface proteins involved in receptor-mediated endocytosis of specific ligands. LDLR proteins are comprised of the same basic structural

motifs: an extracellular domain that contains LDLR binding repeats and EGF repeats with associated spacer domains containing the YWTD motif; a single transmembrane-spanning domain; and a C-terminal cytoplasmic domain that generally contains at least 1 copy of the NPXY motif (Brown et al., 1998 [PubMed 9704021]). LRP6 and LRP5 (MIM 603506) function as coreceptors for WNT (MIM 164820) ligands and thus play a role in WNT signaling, which is important in a wide variety of biologic processes during pre- and postnatal life in invertebrates and vertebrates (Kokubu et al., 2004 [PubMed 15469977]).[supplied by OMIM]