



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

LGR5 (Human) Recombinant Protein

Catalog Number: P9744

Regulation Status: For research use only (RUO)

Product Description: Human LGR5 (O75473-1, 22 a.a. - 543 a.a.) partial recombinant protein with hFc tag at C-terminus expressed in HEK293 cells.

Sequence:

GSSPRSGVLLRGCPHCHCEPDGRMLLRVDCSDLGL
SELPNSLVFTSYLDLSMNNISQLLPNPLSLRFLEELR
LAGNALTYPKGAFTGLYSLKVLMLQNNQLRHVPTEAL
QNLRSLSLRLDANHISYVPPSCFSGLSLRHLWLDD
NALTEIPVQAFRSLALQAMTLALNKIHHIPDYAFGNLS
SLVVLHLHNNRIHSLGKKCFDGLHSLETLDLNYNNLDE
FPTAIRTLNKLKELGFHSNNIRSIPEKAFVGNPSLTIHF
YDNPQFVGRSAFQHLPELRTLTLNGASQITEFPDLTG
TANLESLTLTGAQISSLPQTVCNQLPNLQVLDLSYNLLE
DLPSFSVCQKLKIDLRHNEIYEIKVDTFQQLSLRSLN
LAWNKIAIHPNAFSTLPSLIKLDLSSNLLSSFPITGLHGL
THLKLGTGNHALQSLISSENFPELKVIEMPYAYQCCAFG
VCENAYKISNQWNKGDNSSMDDLHKKDAGMFQAQD
ERDLEDFLLDFEEDLKALHSVQCSP

Host: Human

Theoretical MW (kDa): 85

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 (Expi293, high-
yield transient HEK293) expression system

Purity: > 95% as determined by Tris-Bis PAGE; > 95%
as determined by HPLC

Endotoxin Level: < 1 EU per 1 ug of protein
(determined by LAL method)

Activity: The affinity constant of 0.59 nM as determined
in SPR assay (Biacore T200).

Recommend Usage: Biological Activity
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: 8549

Gene Symbol: LGR5

Gene Alias: FEX, GPR49, GPR67, GRP49, HG38,
MGC117008