



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

GPR30 (Human) Recombinant Protein (P01)

Catalog Number: H00002852-P01

Regulation Status: For research use only (RUO)

Product Description: Human GPR30 full-length ORF (NP_001496.1, 1 a.a. - 375 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDVTSQARGVGLEMYPGTAQPAAPNTTSPENLNSHPL
LGTALANGTGELSEHQYVIGLFLSCLYTIFLPIGFVG
NILILVNNISFREKMTIPDLYFINLAVADLILVADSLIEVFN
LHERYYDIAVLCTFMSLFLQVNMYSVFFLTWMSFDR
YIALARAMRCSLFRTRKHARLSCGLIWMASVSATLVPF
TAVHLQHTDEACFCFADVREVQWLEVTLGFIVPFAIIGL
CYSLIVRVLVRAHRHRGLRPRRQKALRMILAVVLVFFV
CWL PENVFISVHLLQRTQPGAAPCKQSFRAHPLTGH
IVNLAAFSNSCLNPLIYSFLGETFRDKLRLYIEQKTNLPA
LNRFC HAALKAVIPDSTEQSDVRFSSAV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 68.6

Interspecies Antigen Sequence: Mouse (87)

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: 2852

Gene Symbol: GPER

Gene Alias: CEPR, CMKRL2, DRY12, FEG-1, GPCR-Br, GPR30, LERGU, LERGU2, LyGPR, MGC99678

Gene Summary: This gene is a member of the G-protein coupled receptor 1 family and encodes a multi-pass membrane protein that localizes to the endoplasmic reticulum. The protein binds estrogen, resulting in intracellular calcium mobilization and synthesis of phosphatidylinositol 3,4,5-trisphosphate in the nucleus. This protein therefore plays a role in the rapid nongenomic signaling events widely observed following stimulation of cells and tissues with estrogen. Alternate transcriptional splice variants which encode the same protein have been characterized. [provided by RefSeq]