



# 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

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## Datasheet

### NPY1R (Human) Recombinant Protein

**Catalog Number:** H00004886-G01

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

**Product Description:** Human NPY1R full-length ORF (AAH71720.1) recombinant protein without tag.

**Sequence:**

MNSTLFSQVENHSVHSNFSEKNAQLLAFENDDCHLPL  
AMIFTLALAYGAVIILGVSGNLALIIILKQKEMRNVNLI  
VNLSFSDLLVAIMCLPFTFVYTLMDHWWVGEAMCKLN  
PFVQCVSITVSIFSLVLI AVERHQLIINPRGWRPNRHA  
YVGI AIVWVLA VASSLPFLIYQVMTDEPFQNVTL DAYKD  
KYVCFDQFP S DSHRLSYTTLLLV LQYFGPLCFICYFKI  
YIRLKRRNNMMDKMRDNKYRSSETKRINIMLLSIVVAF  
AVCWLPLTIFNTVFDWNHQIATCNHLLFLLCHLTAMI  
STCVNPIFYGFLNKNFQRDLQFFNFCDFRSRDDDYE  
TIAMSTMHTDVSKTSLKQASPVAFKINNNDDNEKI

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 44.4

**Applications:** AP, Func, Screening

(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

**Form:** Liquid

**Preparation Method:** [in vitro wheat germ expression system with proprietary liposome technology](#)

**Purification:** None

**Recommend Usage:** Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

**Storage Buffer:** 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4886

**Gene Symbol:** NPY1R

**Gene Alias:** NPYR

**Gene Summary:** Neuropeptide Y (NPY; MIM 162640) is one of the most abundant neuropeptides in the mammalian nervous system and exhibits a diverse range of important physiologic activities, including effects on psychomotor activity, food intake, regulation of central endocrine secretion, and potent vasoactive effects on the cardiovascular system. Two major subtypes of NPY (Y1 and Y2) have been defined by pharmacologic criteria. NPY receptors, such as NPY1R, have been identified in a variety of tissues, including brain, spleen, small intestine, kidney, testis, placenta, and aortic smooth muscle (Herzog et al., 1992 [PubMed 1321422]).[supplied by OMIM]