

## Product datasheet

# Recombinant Human NPY2R/Y2 receptor protein ab152580

### Description

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<b>Product name</b>	Recombinant Human NPY2R/Y2 receptor protein
<b>Expression system</b>	Wheat germ
<b>Accession</b>	<b><u>P49146</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MGPIGAEADENQTV EEMKVEQYGPQTTPRGELVPDPEPE LIDSTKLIEVQ VVLILAYCSILLGVIGNSLVIHVVIKFKSMRTVTNFFIANLAVA DLLVN TLCLPFTLTYTLMGEWKMGPV LCHLVPYAQGLAVQVSTITL TVIALDRHR CIVYHLESKISKRISFLIIGLAWGISALLASPLAIFREYSLIEIPD FEI VACTEKWPGE EKSIYGTVYSLSSLLILV LPLGIISFSYTRW SKLKNHV SPGAANDHYHQRRQKTTKMLVCVVV VFAVSWLPLHAFQL AVDIDSQVLDL KEYKLIFTVFHIIAMCSTFANPLLYGWMNSNYRKAFLSAFR CEQRDAIH SEVSVTFKAKKNLEVRKNSGPNDSFTEATNV
<b>Predicted molecular weight</b>	69 kDa including tags
<b>Amino acids</b>	1 to 381

### Specifications

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Our **Abpromise guarantee** covers the use of **ab152580** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
	Western blot
	ELISA

<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as NPY2R.

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## Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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## General Info

<b>Function</b>	Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is PYY > NPY > PYY (3-36) > NPY (2-36) > [Ile-31, Gln-34] PP > [Leu-31, Pro-34] NPY > PP, [Pro-34] PYY and NPY free acid.
<b>Tissue specificity</b>	High levels in amygdala, corpus callosum, hippocampus and subthalamic nucleus. Also detectable in caudate nucleus, hypothalamus and substantia nigra.
<b>Sequence similarities</b>	Belongs to the G-protein coupled receptor 1 family.
<b>Cellular localization</b>	Cell membrane.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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