

## PRODUCT INFORMATION

<b>Tag</b>	C-Flag Tag
<b>Expression Host</b>	HEK293
<b>Target</b>	NPY5R
<b>Synonyms</b>	NPY5-R, NPYR5, NPYY5-R
<b>Description</b>	Human NPY5R full length protein-synthetic nanodisc
<b>Uniprot ID</b>	Q15761
<b>Protein Families</b>	GPCR, Transmembrane, Druggable Genome,
<b>Protein Pathways</b>	GPCRDB Class A Rhodopsin-like, Peptide GPCRs, Neurotrophin & Receptors,
<b>Molecular Weight</b>	The human full length NPY5R protein has a MW of 50.7kDa
<b>Delivery</b>	6~8weeks
<b>Formulation &amp; Reconstitution</b>	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Storage &amp; Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	The protein encoded by this gene is a receptor for neuropeptide Y and peptide YY. The encoded protein appears to be involved in regulating food intake, with defects in this gene being associated with eating disorders. Also, the encoded protein is involved in a pathway that protects neuroblastoma cells from chemotherapy-induced cell death, providing a possible therapeutic target against neuroblastoma. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Nov 2015]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

