PRODUCT INFORMATION

Target	NPY2R
Synonyms	NPY2-R
Description	Recombinant human NPY2R Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P49146
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	NPY2R(Met1-Val51) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 31.7 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	Predicted to enable calcium channel regulator activity and neuropeptide Y receptor activity. Involved in cardiac left ventricle morphogenesis and outflow tract morphogenesis. Located in cilium. Implicated in Huntington's disease; morbid obesity; and obesity. Biomarker of peripheral artery disease and temporal lobe epilepsy. [provided by Alliance of Genome Resources, Jun 2025]
Usage	Research use only
Conjugate	Unconjugated

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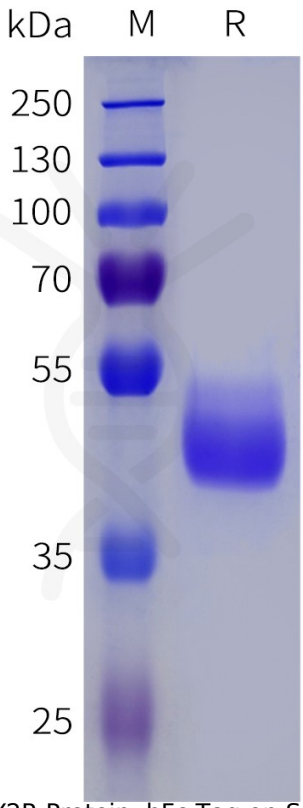


Figure 1. Human NPY2R Protein, hFc Tag on SDS-PAGE under reducing condition.

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