Recombinant Full Length Human NPY2R Protein, GST-tagged

Cat. No. NPY2R-6660HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NPY2R full-length ORF (NP_000901.1, 1 a.a. - 381 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	381 amino acids
Description	NPY2R (Neuropeptide Y Receptor Y2) is a Protein Coding gene. Diseases associated with NPY2R include Obesity. Among its related pathways are Signaling by GPCR and Peptide ligand-binding receptors. GO annotations related to this gene include G-protein coupled receptor activity and calcium channel regulator activity. An important paralog of this gene is PRLHR.
Molecular Mass	69.1 kDa
AA Sequence	MGPIGAEADENQTVEEMKVEQYGPQTTPRGELVPDPEPELIDSTKLIEVQVVLILAYC SIILLGVIGNSLVIHVVIKFKSMRTVTNFFIANLAVADLLVNTLCLPFTLTYTLMGEWKM GPVLCHLVPYAQGLAVQVSTITLTVIALDRHRCIVYHLESKISKRISFLIIGLAWGISALL ASPLAIFREYSLIEIIPDFEIVACTEKWPGEEKSIYGTVYSLSSLLILYVLPLGIISFSYTRI WSKLKNHVSPGAANDHYHQRRQKTTKMLVCVVVVFAVSWLPLHAFQLAVDIDSQVL DLKEYKLIFTVFHIIAMCSTFANPLLYGWMNSNYRKAFLSAFRCEQRLDAIHSEVSVT FKAKKNLEVRKNSGPNDSFTEATNV

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	NPY2R neuropeptide Y receptor Y2 [Homo sapiens]
Official Symbol	NPY2R
Synonyms	NPY2R; neuropeptide Y receptor Y2; neuropeptide Y receptor type 2; Y2 receptor; NPY-Y2 receptor; NPY2-R;
Gene ID	4887
mRNA Refseq	NM_000910
Protein Refseq	NP_000901
MIM	162642
UniProt ID	P49146

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