

Recombinant Full Length Human NPY5R Protein

Cat. No. NPY5R-6663HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NPY5R full-length ORF (NP_006165.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	458 amino acids
Description	<p>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]</p>
Form	Liquid
Molecular Mass	50.7 kDa
AA Sequence	MDLELDEYYNKTLATENNTAATRNSDFPVWDDYKSSVDDLQYFLIGLYTFVSLLGFM GNLLILMALMKKRNQKTTVNFLIGNLAFSDILVVLFCSPFTLTSVLLDQWMFGKVMCH IMPFLQCVSVLVSTLILISIAIVRYHMIKHPISNNLTANHGYFLIATVWTLGFAICSPLPVF HSLVELQETFGSALLSSRYLCVESWPSDSYRIAFTISLLLQYILPLVCLTVSHTSVCR SISCGLSNKENRLEENEMINLT LHPSKKSGPQVKLSGSHKWSYSFIKKHRRRYSKKT

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ACVLPAPERPSQENHSRILPENFGSVRSQSSSSKFIPGVPTCFEIKPEENSDVHELK
VKRSVTRIKKRSRSVFYRLTILILVFAVSWMPLHLFHVVTDFNDNLISNRHFKLVYCIC
HLLGMMSCCLNPILYGFLNNGIKADLVSLIHCLHM

Applications

Antibody Production
Functional Study
Compound Screening

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

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name

NPY5R neuropeptide Y receptor Y5 [Homo sapiens]

Official Symbol

NPY5R

Synonyms

NPYR5; NPY5-R; NPYY5-R

Gene ID

4889

mRNA Refseq

NM_006174

Protein Refseq

NP_006165

MIM

602001

UniProt ID

Q15761

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