

Datasheet for ABIN7549902

NPY1R Protein (AA 1-384) (His tag)



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Overview

Quantity:	1 mg
Target:	NPY1R
Protein Characteristics:	AA 1-384
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPY1R protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NPY1R Protein expressed in mammalian cells.
Sequence:	<p>MNSTLFSQVE NHSVHSNFSE KNAQLLAFEN DDCHLPLAMI FTLALAYGAV IILGVSGNLA LIIILKQKE MRNVTNILIV NLSFSDLLVA IMCLPFTFVY TLMDDHWFGE AMCKLNPFVQ CVSITVSIFS LVLIAVERHQ LIINPRGWRP NNRHAYVGIA VIWVLAVASS LPFLIYQVMT DEPFQNVTLTD AYKDKYVCFD QFPSDSHRLS YTTLLLVLQY FGPLCFIFIC YFKIYIRLKR RNNMMDKMRD NKYRSSETR INIMLLSIVV AFAVCWLPLT IFNTVFDWNH QIATCNHNL LFLCHLTAM ITCVNIPIFY GFLNKNFQRD LQFFNFCD FRSRDDYETI AMSTMHTDVS KTSKQASPV AFKKINNNDD NEKI</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	NPY1R
Alternative Name:	NPY1R (NPY1R Products)
Background:	Neuropeptide Y receptor type 1 (NPY1-R),FUNCTION: Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is NPY > [Pro-34] PYY, PYY and [Leu-31, Pro-34] NPY > NPY (2-36) > [Ile-31, Gln-34] PP and PYY (3-36) > PP > NPY free acid.
Molecular Weight:	44.4 kDa
UniProt:	P25929
Pathways:	Negative Regulation of Hormone Secretion, Feeding Behaviour

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months