

Datasheet for ABIN7562539
NPY5R Protein (AA 1-466) (His tag)



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Overview

Quantity:	1 mg
Target:	NPY5R
Protein Characteristics:	AA 1-466
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPY5R protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Npy5r Protein expressed in mammalian cells.
Sequence:	MEVKLEEHFN KTFVTENNTA ASQNTASPAW EDYRGTENNT SAARNTAFPV WEDYRGSVDD LQYFLIGLYT FVLLGFMGN LLILMAVMKK RNQKTTVNFL IGNLAFSDIL VVLCSPFTL TSVLLDQWMF GKAMCHIMPF LQCVSVLVST LILISIAIVR YHMIKHPISN NLTANHGYFL IATVWTLGFA ICSPLPVFHS LVELKETFGS ALLSSKYLCV ESWPSDSYRI AFTISLLLQV YILPLVCLTV SHTSVCRSIS CGLSHKENRL EENEMINLTL HPSKKS RDQA KPPSTQKWSY SFIRK HRRRY SKKTACV LPA PAGPSQEKHL TVPENPGSVR SQLSPSSKVI PGVPICFEVK PEESSDAQEM RVKRS LTRIK KRSRSV FYRL TILILVFAVS WMLPHVFHV V TDFNDNLISN RHFKLVYCIC HLLGMMSCCL NPILYGFLNN GIKADLRALI HCLHMS 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:

Key Benefits:

- 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:

NPY5R

Alternative Name:

Npy5r ([NPY5R Products](#))

Background:

Neuropeptide Y receptor type 5 (NPY5-R) (NPY-Y5 receptor) (NPYY5-R) (Y5 receptor),FUNCTION: Receptor for neuropeptide Y and peptide YY. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity. Seems to be associated with food intake. Could be involved in feeding disorders (By similarity). {ECO:0000250}.

Molecular Weight:

52.8 kDa

UniProt:

[O70342](#)

Pathways:

[Feeding Behaviour](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

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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
