Datasheet for ABIN7318938

NPY Protein (His tag)

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Overview

Quantity:	50 µg
Target:	NPY
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPY protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Pro-Neuropeptide Y/NPY Protein (His Tag)
Sequence:	Tyr29-Trp97
Characteristics:	Recombinant Human Pro-Neuropeptide Y is produced by our Mammalian expression system and the target gene encoding Tyr29-Trp97 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	NPY
Alternative Name:	Pro-Neuropeptide Y/NPY (NPY Products)
Background:	Background: Pro-Neuropeptide Y (NPY) is a member of the NPY family. NPY is a secreted protein and is one of the most abundant peptides in the nervous system. It also can be found in some chromaffin cells of the adrenal medulla. NPY can be cleaved into Neuropeptide Y and C-

Target Details

	flanking peptide of NPY chain, which regulates energy usage, and it is involved in learning, memory processing, and epilepsy. NPY is implicated in the control of feeding and in secretion of gonadotrophin-release hormone. In addition, NPY increases the proportion of energy stored as fat and blocks nociceptive signals to the brain. Synonym: Pro-Neuropeptide Y, Neuropeptide Y, Neuropeptide Tyrosine, NPY, C-Flanking Peptide of NPY, CPON, NPY
Molecular Weight:	9.1 kDa
UniProt:	P01303
Pathways:	Feeding Behaviour

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.