

Neuropeptide Y (NPY) Recombinant Protein | NPY recombinant protein

Recombinant Neuropeptide Y (NPY)

CATALOG # AAA133965	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS Western Blot, SDS-Page
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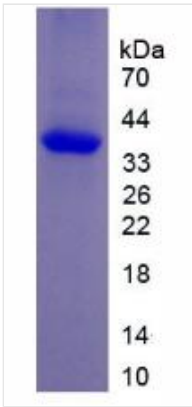
PRODUCT SYNONYMS

Neuropeptide Y (NPY); Recombinant Neuropeptide Y (NPY); NPY recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 1000ug/mL (varies by lot)
Sequence	PSKPDNPGED APAEDMARYY SALRHYINLI TRQRYGKRSS PETLISDLLM RESTENAPRT RLEDPSMW
Applicable Applications for NPY recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Pro31~Trp98
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.4
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981286
NCBI GeneID	24604
NCBI Accession #	NP_036746.1
NCBI GenBank Nucleotide #	NM_012614.2
UniProt Accession #	P07808
Molecular Weight	Predicted Molecular Mass: 37.8kDa Accurate Molecular Mass: 38kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	pro-neuropeptide Y preproprotein
NCBI Official Synonym Full Names	neuropeptide Y
NCBI Official Symbol	Npy
NCBI Official Synonym Symbols	NPY02; RATNPY; RATNPY02
NCBI Protein Information	pro-neuropeptide Y
UniProt Protein Name	Pro-neuropeptide Y
UniProt Gene Name	Npy
UniProt Synonym Gene Names	NPY; CPON
UniProt Entry Name	NPY_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/npy-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/133965>