Neuropeptide Y Recombinant Protein | NPY recombinant protein

Recombinant Neuropeptide Y (NPY)

CATALOG #	HOST	APPLICATIONS
AAA144263	**Host: E ColiSource: Prokaryotic expression**	**Immunoprecipitation, ELISA, Western Blot, SDS-Page**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	6.3 (varies by lot)
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow.MSPILGY WKIKGLVQPT RLLLEYLEEK YEEHLYERDE GDKWRNKKFE LGLEFPNLPY YIDGDVKLTQ SMAIIRYIAD KHNMLGGCPK ERAEISMLEG AVLDIRYGVS RIAYSKDFET LKVDFLSKLP EMLKMFEDRL CHKTYLNGDH VTHPDFMLYD ALDVVLYMDP MCLDAFPKLV CFKKRIEAIP QIDKYLKSSK YIAWPLQGWQ ATFGGGDHPP KSDGSTSGSG HHHHHHSAGL VPRGSTAIGM KETAAAKFER QHMDSPDLGT GGGSGIEGRG SMGYRGSEF-PSKPDNPGED APAEDMARYY SALRHYINLI TRQRYGKRSS PETLISDLLM RESTENVPRT RLEDPAMW div>
Sequence Length	100
Applicable Applications for NPY recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	40.3kDa
Accurate Molecular Mass (KD)	41kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and GST-tag
Organism Species	Homo sapiens (Human)
Fragment	Pro30~Trp97
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
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 of the targetprotein. 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 andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES

SDS-PAGE

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	185133887
NCBI GeneID	100135894
NCBI Accession #	NP_001117738.1
NCBI GenBank Nucleotide #	NM_001124266.1
NCBI Official Full Name	neuropeptide Y
NCBI Official Symbol	LOC100135894
NCBI Protein Information	neuropeptide Y precursor

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/neuropeptide-y-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144263