

Datasheet: 6730-0604

**BATCH NUMBER 154753**

<b>Description:</b>	SYNTHETIC HUMAN NEUROPEPTIDE Y
<b>Name:</b>	NEUROPEPTIDE Y
<b>Other names:</b>	NEUROPEPTIDE TYROSINE
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified synthetic peptide - liquid
<b>Preparation</b>	Synthetic peptide prepared by solid phase synthesis
<b>Preservative Stabilisers</b>	None present
<b>Approx. Protein Concentrations</b>	Total protein concentration 1.0 mg/ml
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P01303</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">4852</a>   NPY   <a href="#">Related reagents</a></p>

<b>Protein Molecular Weight</b>	4,272
<b>Purity</b>	>97% by HPLC
<b>Amino Acid Sequence</b>	Y-P-S-K-P-D-N-P-G-E-D-A-P-A-E-D-M-A-R-Y-Y-S-A-L-R-H-Y-I-N-L-I-T-R-Q-R-Y-NH <sub>2</sub>
<b>References</b>	1. Minth, C. D. <i>et al.</i> (1984) Cloning, characterization, and DNA sequence of a human cDNA encoding neuropeptide tyrosine <a href="#">Proc Natl Acad Sci U S A 81: 4577 - 4581</a>
<b>Storage</b>	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10078 available at: <a href="https://www.bio-rad-antibodies.com/SDS/6730-0604">https://www.bio-rad-antibodies.com/SDS/6730-0604</a> 10078
<b>Regulatory</b>	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
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