**Product Datasheet**

**Recombinant Human Neuropeptide Y Protein**

**ab112330**

<table>
<thead>
<tr>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name</strong></td>
<td>Recombinant Human Neuropeptide Y protein</td>
</tr>
<tr>
<td><strong>Expression system</strong></td>
<td>Wheat germ</td>
</tr>
<tr>
<td><strong>Accession</strong></td>
<td>P01303</td>
</tr>
<tr>
<td><strong>Protein length</strong></td>
<td>Full length protein</td>
</tr>
<tr>
<td><strong>Animal free</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Nature</strong></td>
<td>Recombinant</td>
</tr>
<tr>
<td><strong>Species</strong></td>
<td>Human</td>
</tr>
<tr>
<td><strong>Sequence</strong></td>
<td>MLGNKRLGLSLTALSLVCLGALAEAYPSKPDPNG EDAPAEDMARYYS ALRHYNLTRQRYGKRSPETLSDLLMRESTENVPRTR LEDPAMW</td>
</tr>
<tr>
<td><strong>Predicted molecular weight</strong></td>
<td>37 kDa including tags</td>
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<tr>
<td><strong>Amino acids</strong></td>
<td>1 to 97</td>
</tr>
<tr>
<td><strong>Tags</strong></td>
<td>GST tag N-Terminus</td>
</tr>
</tbody>
</table>

**Specifications**

Our **Abpromise guarantee** covers the use of **ab112330** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications**

- Western blot
- SDS-PAGE
- ELISA

**Form**

Liquid

**Additional notes**

Best use within three months from the date of receipt of this protein.

**Preparation and Storage**

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

**pH:** 8.00
Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function
NPY is implicated in the control of feeding and in secretion of gonadotrophin-release hormone.

Tissue specificity
One of the most abundant peptides in the nervous system. Also found in some chromaffin cells of the adrenal medulla.

Sequence similarities
Belongs to the NPY family.

Cellular localization
Secreted.

Images

ab112330 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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• We investigate all quality concerns to ensure our products perform to the highest standards

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