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Product Datasheet

Recombinant Human NPY (C-6His) EBT-EPT304

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| Article Name | Recombinant Human NPY (C-6His) |
| Biozol Catalog Number | EBT-EPT304 |
| Supplier Catalog Number | EPT304 |
| Alternative Catalog Number | EBT-EPT304-50 |
| Manufacturer | ELK Biotechnology |
| Category | Proteine/Peptide |
| Product Description | 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.... |
| Molecular Weight | Molecular weight: 9.1 KDa. Apparent molecular weight: 13 KDa, reducing conditions |
| UniProt | P01303 |
| Purity | Greater than 95% as determined by reducing SDS-PAGE. |

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. 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-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