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Datasheet for ABIN7454196

Neurotensin Protein (NTS) (AA 24-163) (His tag)

Overview

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| Quantity: | 100 µg |
| Target: | Neurotensin (NTS) |
| Protein Characteristics: | AA 24-163 |
| Origin: | Cynomolgus |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Neurotensin protein is labelled with His tag. |

Product Details

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| Purpose: | Cynomolgus NTS1 Protein |
| Sequence: | Ser24-Leu163 |
| Characteristics: | Recombinant Cynomolgus NTS1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser24-Leu163. |
| Purity: | > 90 % as determined by Tris-Bis PAGE |
| Sterility: | 0.22 µm filtered |
| Endotoxin Level: | Less than 1EU per µg by the LAL method. |

Target Details

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| Target: | Neurotensin (NTS) |
| Alternative Name: | NTS1 (NTS Products) |

Target Details

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| Background: | Crystal structures of neurotensin receptor subtype 1 (NTS1) allowed us to visualize the binding mode of the endogenous peptide hormone neurotensin and its pharmacologically active C-terminal fragment NT(8-13) within the orthosteric binding pocket of NTS1. |
| Molecular Weight: | 18.84 kDa. Due to glycosylation, the protein migrates to 20-25 kDa based on Tris-Bis PAGE result. |
| UniProt: | Q2PG57 |

Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Reconstitution: | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water. |
| Buffer: | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| Expiry Date: | 12 months |