

# Cynomolgus NTS1 Protein

Cat. No. NTS-CM101

## Description

<b>Source</b>	Recombinant Cynomolgus NTS1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser24-Leu163.
<b>Accession</b>	Q2PG57
<b>Molecular Weight</b>	The protein has a predicted MW of 18.84 kDa. Due to glycosylation, the protein migrates to 20-25 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per $\mu\text{g}$ by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE

## Formulation and Storage

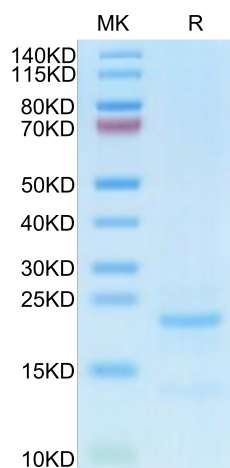
<b>Formulation</b>	Supplied as 0.22 $\mu\text{m}$ filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## 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.

## Assay Data

### Tris-Bis PAGE



Cynomolgus NTS1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.