

Mouse NTS1 Protein

Cat. No. NTS-MM201

Description

Source	Recombinant Mouse NTS1 Protein is expressed from Expi293 with hFc tag at the C-terminal. It contains Ser23-Leu162.
Accession	Q9D3P9
Molecular Weight	The protein has a predicted MW of 42.9 kDa. Due to glycosylation, the protein migrates to 48-51 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

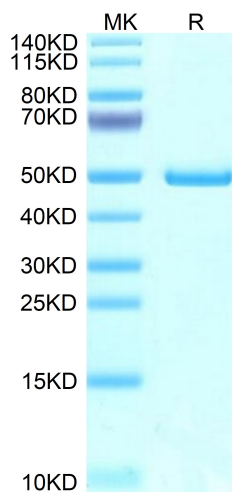
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated 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



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