Mouse NTS1 Protein

Cat. No. NTS-MM201

Description

Source	Recombinant Mouse NTS1 Protein is expressed from HEK293 with hFc tag at the C-Terminus.
	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 Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

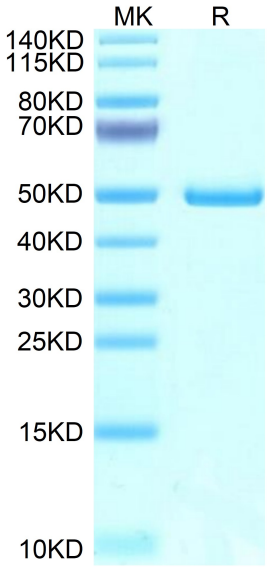
Formulation	Lyophilized from 0.22μm filtered solution inPBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Neurotensin (NT) is an endogenous 13 amino acid neuropeptide with profound opioid-independent analgesic effects. This role of NT is thought to be mediated by both neurotensin receptor subtype 1 (NTS1) and neurotensin receptor subtype 2 (NTS2). NT and its receptors are widely distributed in the pain circuits in central nervous system.

Assay Data

Bis-Tris PAGE



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

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