

## NTS1/NTSR1 Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P77817
Synonyms:	NT; NTR; NTR1; NTRH; NTRR; NTS1; NTSR1; NMN-125; NN; NT/N
Species:	Mouse
Source:	HEK293
Accession:	Q9D3P9 (S23-L162)
Gene ID:	67405
Molecular Weight:	48-53 kDa

### PROPERTIES

Appearance	Lyophilized powder
Formulation	Lyophilized from 0.22 $\mu$ m filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	NTS1/NTSR1, the neurotensin receptor 1, is involved in the potential endocrine or paracrine regulation of fat metabolism. Neurotensin, the ligand for NTSR1, is known to induce smooth muscle contraction (By similarity). NTS1/NTSR1 interacts with neurotensin and engages with other proteins such as SORT1 and SORL1, suggesting a role in various cellular processes and potential implications for the regulation of fat metabolism.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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