Recombinant Mouse NTS Protein, S23-L162, C-hFc tagged

Cat. No. Nts-06M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NTS1/NTSR1 Protein, Mouse (HEK293, Fc) is the recombinant mouse-derived NTS1/NTSR1 protein, expressed by HEK293, with C-hFc labeled tag. The total length of NTS1/NTSR1 Protein, Mouse (HEK293, Fc) is 140 a.a., with molecular weight of 48-53 kDa.
Species	Mouse
Source	HEK293
ProteinLength	S23-L162
Description	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.
Form	Lyophilized powder
Molecular Mass	48-53 kDa
Endotoxin	< 1 EU/μg protein by LAL

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Greater than 95% as determined by Tris-Bis PAGE
Storage	Stored at -20 centigrade for 2 years. After reconstitution, it is stable at 4 centigrade for 1 week or -20 centigrade for longer (with carrier protein). It is recommended to freeze aliquots at -20 or -80 centigrade for extended storage.
Storage Buffer	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Shipping	Room temperature in continental US; may vary elsewhere.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH2O.

GENE INFORMATION

Gene Name	Nts neurotensin [Mus musculus (house mouse)]
Official Symbol	Nts
Synonyms	Nts; neurotensin; NN; NT; NT/N; NTS1; NMN-125; 5033428E16Rik; neurotensin/neuromedin N; neuromedin N
Gene ID	67405
mRNA Refseq	NM_024435
Protein Refseq	NP_077755
UniProt ID	Q9D3P9

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA