Recombinant Human NTS Protein, Fc-tagged

Cat. No. NTS-682H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NTS (NP_006174.1) (Met1-Leu148) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-148 a.a.
Predicted N Terminal	Ser 24
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human NTS consists 363 amino acids and predicts a molecular mass of 41 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	NTS neurotensin [Homo sapiens]
Official Symbol	NTS
Synonyms	NTS; neurotensin; neurotensin/neuromedin N; neuromedin N; NN; NT; NT/N; NTS1; NMN-125;
Gene ID	4922
mRNA Refseq	NM_006183
Protein Refseq	NP_006174
MIM	162650
UniProt ID	P30990
Chromosome Location	12q21
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;

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