# Human Neurotensin (Fc Tag) recombinant protein

Catalog Number: 501297

## **General Information**

#### Gene Name Synonym

Large neuromedin N; NmN-125; Neuromedin N; Neurotensin; Tail peptide

## **Protein Construction**

A DNA sequence encoding the human NTS (NP\_006174.1) (Met1-Leu148) was expressed with the Fc region of human IgG1 at the C-terminus.

#### Organism

Human

## **Expression Host**

Human Cells

# **QC Testing**

#### Purity

> 85 % as determined by SDS-PAGE.

#### Endotoxin

 ${<}1.0$  EU per  $\mu g$  protein as determined by the LAL method.

#### Stability

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}\mathrm{C}$ 

#### **Predicted N terminal**

Ser 24

#### **Molecular Mass**

The recombinant human NTS consists 363 amino acids and predicts a molecular mass of 41 kDa.

## Formulation

Lyophilized from sterile PBS, pH 7.4.1. 5 % trehalose and mannitol are added as protectants before lyophilization.2. Please contact us for any concerns or special requirements.

# **Usage Guide**

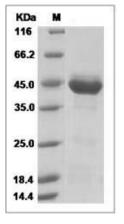
#### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



NTS protein SDS-PAGE

