

Recombinant Human NTS protein, hFc-tagged

Cat. No. NTS-8544H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NTS protein(P30990)(Ser24-Leu163), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser24-Leu163
Tag	C-hFc
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human NTS1, hFc Tag at 5ug/ml (100ul/well) on the plate. Dose response curve for Biotinylated Anti-NTS Antibody, hFc Tag with the EC50 of 0.21ug/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 42.9 kDa. Due to glycosylation, the protein migrates to 48-53 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C 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

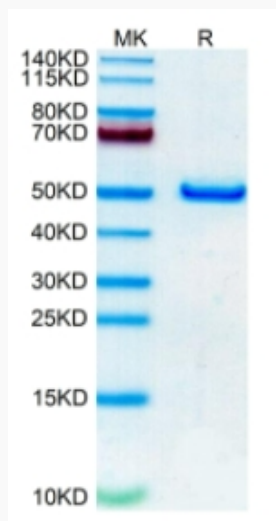
UniProt ID P30990

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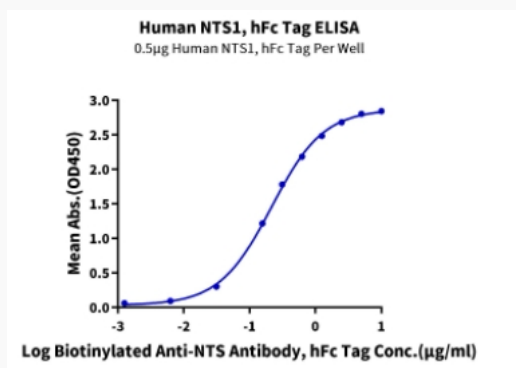
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Tris-Bis PAGE



ELISA Data



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