

Active Recombinant Human NTF3 protein

Cat. No. NTF3-146H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NTF3 protein(Tyr139-Thr257) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	139-257 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 5.2.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized Recombinant Human TrkB at 2µg/mL (100 µL/well) can bind Recombinant Human Neurotrophin-3/NGF-2/NT-3 with a linear range of 1.95-35.5 ng/mL.
Molecular Mass	13.6 kDa
Endotoxin	< 0.01 EU/µg of the protein by LAL method
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL

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in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

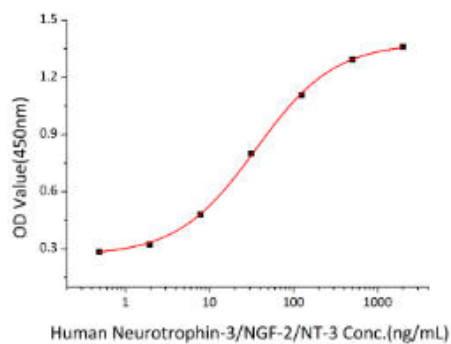
Gene Name	NTF3 neurotrophin 3 [Homo sapiens]
Official Symbol	NTF3
Synonyms	NTF3; neurotrophin 3; neurotrophin-3; NGF2; NT-3; neurotrophic factor; nerve growth factor 2; NT3; HDNF; NGF-2; MGC129711;
Gene ID	4908
mRNA Refseq	NM_001102654
Protein Refseq	NP_001096124
MIM	162660
UniProt ID	P20783

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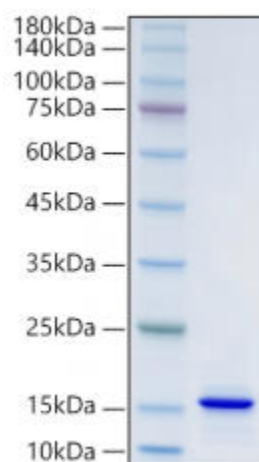
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Activity



SDS-PAGE



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