

**HumanKine<sup>®</sup> recombinant human NT-3 protein**



Animal Component-Free	Human cell expressed	Tag-Free	Endotoxin Free
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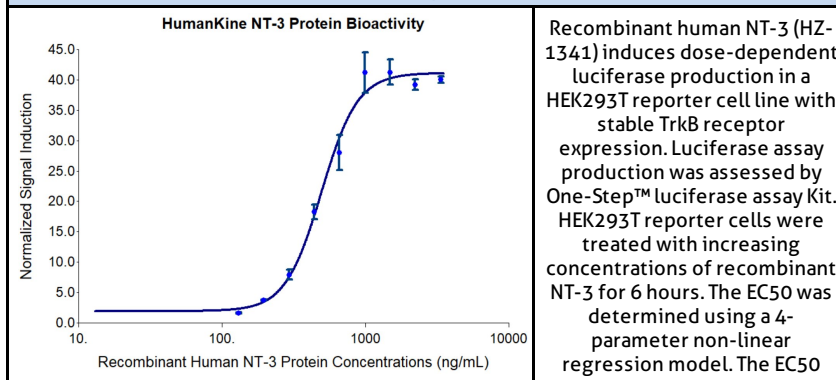
**Product Description**

Recombinant human NT-3 from HEK293 cells	
Alternative Names	NT3, HDNF, NGF2, NTF3, NGF-2
Source	Human Embryonic Kidney cells (HEK293). HEK293-derived NT-3 protein
Species Reactivity	human

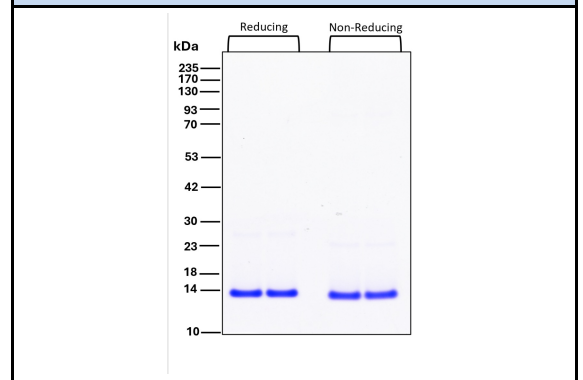
**Specifications**

Test	Method	Specification
Activity (EC50)	dose-dependent luciferase production in a HEK293T reporter cell line with stable TrkB receptor expression.	0.2 - 1.5 ug/mL
Molecular Mass	SDS-PAGE	14 kDa reduced, 14 kDa non-reduced, monomer, non-glycosylated
Purity	SDS-PAGE	>95%
Endotoxin	LAL	<1 EU/μg

**Activity Data**



**SDS-PAGE**



Preparation	
Shipping Temperature	ambient temperature
Formulation	
Reconstitution	Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein to 0.2 mg/mL in sterile 1x PBS pH 7.4 containing 0.1% endotoxin-free recombinant human serum albumin (HSA). Gently swirl or tap to mix.

Stability and Storage	Product Form	Temperature Conditions	Storage Time (From Date of Receipt)
	Lyophilized	-20°C to -80°C	Until Expiry Date
	Lyophilized	Room Temperature	2 weeks
	Reconstituted as per CofA	-20°C to -80°C	6 months
	Reconstituted as per CofA	4°C	1 week
Avoid repeated freeze-thaw cycles.			

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Document #: FR-QA118-101 Rev 0  
Data Sheet Version #:

**Proteintech Group, Inc.**  
5500 Pearl Street, Suite 400 Rosemont, IL 60612  
t: 1-888-478-4522; f: 1-312-455-8408  
Email: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)