

## Product datasheet for **TP319393L**

### Ninjurin2 (NINJ2) (NM\_016533) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ninjurin 2 (NINJ2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219393 representing NM_016533 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAGLSRQLCALSHPKKAAETQTAEPGGAHAVCSRHPVRVKGLEGSEMESARENIDLQPGSSDPRSQPINL NHYATKKSVAESMLDVALFMSNAMRLKAVLEQGPSSHYTTLVTLISLSLLLQWIGVLLVVIARLNLNE VEKQWRLNQLNNAATILVFFTWINVFITAFGAHKTGFLAARASNPL
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	20.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_057617</a>
Locus ID:	4815
UniProt ID:	<a href="#">Q9NZG7</a> , <a href="#">A0A590UJR9</a> , <a href="#">B4DJC1</a>
RefSeq Size:	1073



[View online »](#)

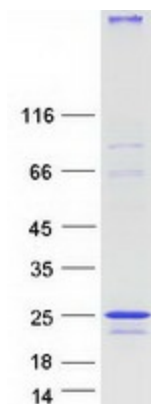
Cytogenetics: 12p13.33

RefSeq ORF: 564

**Summary:** The protein encoded by this gene belongs to the ninjurin (for nerve injury induced) family. It is a cell surface adhesion protein that is upregulated in Schwann cells surrounding the distal segment of injured nerve, and promotes neurite outgrowth, thus may have a role in nerve regeneration after nerve injury. [provided by RefSeq, Oct 2011]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified NINJ2 protein (Cat# [TP319393]). The protein was produced from HEK293T cells transfected with NINJ2 cDNA clone (Cat# [RC219393]) using MegaTran 2.0 (Cat# [TT210002]).