

Product datasheet for PH319393

Ninjurin2 (NINJ2) (NM_016533) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NINJ2 MS Standard C13 and N15-labeled recombinant protein (NP_057617)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219393
Predicted MW:	20.2 kDa
Protein Sequence:	>RC219393 representing NM_016533 Red =Cloning site Green =Tags(s) MAGLSRQLCALSHPKAAETQTAEPGGAHAVCSRHPVRVKGLEGSEMESARENIDLQPGSSDPRSQPINL NHYATKKSVAESMLDVALFMSNAMRLKAVLEQGPSSHYTTLVTLISLSLLLQVVIGVLLVVIARLNLNE VEKQWRLNQLNNAATILVFFTVVINVFITAFGAHKTGFLAARASNPL TR TRPLEQ KL ISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_057617</u>
RefSeq Size:	1073
RefSeq ORF:	564
Locus ID:	4815
UniProt ID:	<u>Q9NZG7</u> , <u>A0A590UJR9</u> , <u>B4DJC1</u>
Cytogenetics:	12p13.33

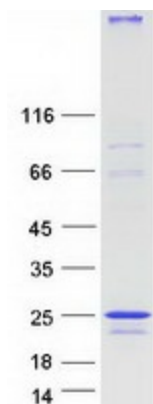


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Summary: The protein encoded by this gene belongs to the ninjurin (for nerve injury induced) family. It is a cell surface adhesion protein that is upregulated in Schwann cells surrounding the distal segment of injured nerve, and promotes neurite outgrowth, 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]).