

Recombinant Human NINJ1 Protein, Met1-Leu80, C-hFc tagged

Cat. No. NINJ1-15H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NINJ1 Protein (Met1-Leu80) with C-terminal human Fc tag (Glu99-Ala330) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Leu80
Description	The ninjurin protein is upregulated after nerve injury both in dorsal root ganglion neurons and in Schwann cells. It demonstrates properties of a homophilic adhesion molecule and promotes neurite outgrowth from primary cultured dorsal root ganglion neurons.
Molecular Mass	The protein has a predicted molecular mass of 34.6 kDa after removal of the signal peptide. The apparent molecular mass of NINJ1-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Storage	Store at -20 to -80 centigrade for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 centigrade (Avoid repeated freezing and thawing).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5%-8% trehalose is added as protectants before lyophilization.
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Shipping	At ambient temperature
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GENE INFORMATION

Gene Name	NINJ1 ninjurin 1 [Homo sapiens (human)]
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Official Symbol	NINJ1
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Synonyms	NINJ1; ninjurin 1; NIN1; hNINJ1; NINJURIN; ninjurin-1; nerve injury-induced protein-1
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Gene ID	4814
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mRNA Refseq	NM_004148
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Protein Refseq	NP_004139
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MIM	602062
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UniProt ID	Q92982
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SDS-PAGE

