Recombinant Human NINJ1 Protein (Asp2-Val81), C-6×His tagged

Cat. No. NINJ1-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NINJ1 Protein (Asp2-Val81) with a C-terminal 6-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp2-Val81
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	Predicted Molecular Mass: 9 kDa SDS-PAGE: 10 kDa, reducing conditions
N-terminal Sequence Analysis	Asp2 & Ser3
Endotoxin	<1.0 EU/μg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.

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Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in PBS and NaCl.
Reconstitution	Reconstitute at 250 μg/mL in PBS.
Shipping	The product is shipped at ambient temperature.

GENE INFORMATION

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

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