

# Recombinant Human NINJ2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** NINJ2-6034H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | NINJ2 MS Standard C13 and N15-labeled recombinant protein (NP_057617) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 20.2 kDa                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MAGLSRQLCALSHPKKAAETQTAEPGGAHAVCSRHPVRVKGLEGSEMESARENIDL<br>QPGSSDPRSQPINLNHYATKKVAESMLDVALFMSNAMRLKAVLEQGPSSHYTTL<br>VTLISLSLLLQVVIGVLLVVIARLNLNEVEKQWRLNQLNNAATILVFFTVVINVFITAFGA<br>HKTGFLAARASRNPLTRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                             |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                |                                                             |
|----------------|-------------------------------------------------------------|
| <b>Storage</b> | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
|----------------|-------------------------------------------------------------|

|                      |                               |
|----------------------|-------------------------------|
| <b>Concentration</b> | 50 µg/mL as determined by BCA |
|----------------------|-------------------------------|

|                       |                                         |
|-----------------------|-----------------------------------------|
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3. |
|-----------------------|-----------------------------------------|

## GENE INFORMATION

|                  |                                           |
|------------------|-------------------------------------------|
| <b>Gene Name</b> | NINJ2 ninjurin 2 [ Homo sapiens (human) ] |
|------------------|-------------------------------------------|

|                        |       |
|------------------------|-------|
| <b>Official Symbol</b> | NINJ2 |
|------------------------|-------|

|                 |                                                                          |
|-----------------|--------------------------------------------------------------------------|
| <b>Synonyms</b> | NINJ2; ninjurin 2; ninjurin-2; nerve injury-induced protein 2; FLJ56349; |
|-----------------|--------------------------------------------------------------------------|

|                |      |
|----------------|------|
| <b>Gene ID</b> | 4815 |
|----------------|------|

|                    |           |
|--------------------|-----------|
| <b>mRNA Refseq</b> | NM_016533 |
|--------------------|-----------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_057617 |
|-----------------------|-----------|

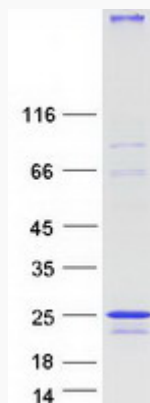
|            |        |
|------------|--------|
| <b>MIM</b> | 607297 |
|------------|--------|

|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | Q9NZG7 |
|-------------------|--------|

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**SDS-PAGE**

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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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