

## Product Information

### MemDX™ Membrane Protein Human NINJ1 (Ninjurin 1) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1182K**

This product is for research use only and is not intended for diagnostic use.

This product is a Human NINJ1 membrane protein expressed *in vitro* *E.coli* expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

#### Product Specifications

##### Host Species

Human

##### Target Protein

NINJ1

##### Protein Length

Full Length

##### Protein Class

Cell adhesion

##### TMD

2

##### Sequence

MDSGTEEYELNGGLPPGTPGSPDASPARWGWRHGPINVNHYASKKSAAEMLDIALLMANASQLKAVVEQGPSFAFYVPLVVLIS

#### Product Description

##### Expression Systems

*in vitro* *E.coli* expression system

##### Tag

10xHis tag at the N-terminus

##### Protein Format

Soluble

##### Form

Liquid or Lyophilized powder

##### Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### **Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

## **Target**

### **Target Protein**

NINJ1

### **Full Name**

Ninjurin 1

### **Introduction**

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.

### **Alternative Names**

NINJ1; NIN1; NINJURIN; nerve injury-induced protein-1; Ninjurin 1

### **Gene ID**

[4814](#)

### **UniProt ID**

[Q92982](#)