

# 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

MDSGTEEYELNGGLPPGTPGSPDASPARWGWRHGPINVNHYASKKSAAESMLDIALLMANASQLKAVVEQGSPSFAFYVPLVVLIS

### 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](#)