

PRODUCT INFORMATION

Target	NINJ1
Synonyms	NIN1;NINJURIN
Description	Recombinant Human NINJ1 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q92982
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	NINJ1(Met1-Leu80) hFc(Glu99-Ala330)
Molecular Weight	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.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Background	The ninjurin protein is upregulated after nerve injury both in dorsal root ganglion neurons and in Schwann cells (Araki and Milbrandt, 1996 [PubMed 8780658]). It demonstrates properties of a homophilic adhesion molecule and promotes neurite outgrowth from primary cultured dorsal root ganglion neurons.[supplied by OMIM, Aug 2009]
Usage	Research use only
Conjugate	Unconjugated



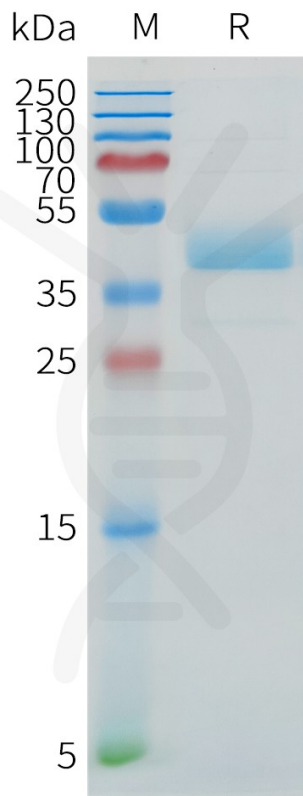


Figure 1. Human NINJ1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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