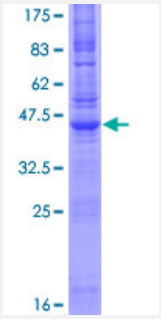
Full-Length

NINJ1 (Human) Recombinant Protein (P01)

Catalog # H00004814-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NINJ1 full-length ORF (NP_004139.1, 1 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDSGTEEYELNGGLPPGTPGSPDASPARWGWRHGPINVNHYASKKSAAESMLDIALLMANASQ LKAVVEQGPSFAFYVPLVVLISISLVLQIGVGVLLIFLVKYDLNNPDKHAKLDFLNNLATGLVFIIVVV NIFITAFGVQKPLMDMAPQQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.8
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NINJ1

Entrez GeneID	4814
GeneBank Accession#	NM_004148.2
Protein Accession#	NP_004139.1
Gene Name	NINJ1
Gene Alias	NIN1, NINJURIN
Gene Description	ninjurin 1
Omim ID	602062
Gene Ontology	Hyperlink
Gene Summary	The ninjurin protein is upregulated after nerve injury both in dorsal root ganglion neurons and in Sc hwann cells (Araki and Milbrandt, 1996 [PubMed 8780658]). It demonstrates properties of a hom ophilic adhesion molecule and promotes neurite outgrowth from primary cultured dorsal root gangl ion neurons.[supplied by OMIM
Other Designations	OTTHUMP00000021670|nerve injury-induced protein-1

Disease

- Genetic Predisposition to Disease
- Lung Neoplasms
- Pulmonary Disease

- Urinary Bladder Neoplasms
- Werner syndrome