

## Neurofascin Protein, Human (HEK293, C-His)

Cat. No.:	HY-P74706A
Synonyms:	Neurofascin; NFASC; KIAA0756
Species:	Human
Source:	HEK293
Accession:	O94856-12 (I25-Q939)
Gene ID:	23114
Molecular Weight:	Approximately 116 kDa

### PROPERTIES

#### AA Sequence

I E I P M D P S I Q	N E L T Q P P T I T	K Q S A K D H I V D	P R D N I L I E C E
A K G N P A P S F H	W T R N S R F F N I	A K D P R V S M R R	R S G T L V I D F R
S G G R P E E Y E G	E Y Q C F A R N K F	G T A L S N R I R L	Q V S K S P L W P K
E N L D P V V V Q E	G A P L T L Q C N P	P P G L P S P V I F	W M S S S M E P I T
Q D K R V S Q G H N	G D L Y F S N V M L	Q D M Q T D Y S C N	A R F H F T H T I Q
Q K N P F T L K V L	T T R G V A E R T P	S F M Y P Q G T A S	S Q M V L R G M D L
L L E C I A S G V P	T P D I A W Y K K G	G D L P S D K A K F	E N F N K A L R I T
N V S E E D S G E Y	F C L A S N K M G S	I R H T I S V R V K	A A P Y W L D E P K
N L I L A P G E D G	R L V C R A N G N P	K P T V Q W M V N G	E P L Q S A P P N P
N R E V A G D T I I	F R D T Q I S S R A	V Y Q C N T S N E H	G Y L L A N A F V S
V L D V P P R M L S	P R N Q L I R V I L	Y N R T R L D C P F	F G S P I P T L R W
F K N G Q G S N L D	G G N Y H V Y E N G	S L E I K M I R K E	D Q G I Y T C V A T
N I L G K A E N Q V	R L E V K D P T R I	Y R M P E D Q V A R	R G T T V Q L E C R
V K H D P S L K L T	V S W L K D D E P L	Y I G N R M K K E D	D S L T I F G V A E
R D Q G S Y T C V A	S T E L D Q D L A K	A Y L T V L A D Q A	T P T N R L A A L P
K G R P D R P R D L	E L T D L A E R S V	R L T W I P G D A N	N S P I T D Y V V Q
F E E D Q F Q P G V	W H D H S K Y P G S	V N S A V L R L S P	Y V N Y Q F R V I A
I N E V G S S H P S	L P S E R Y R T S G	A P P E S N P G D V	K G E G T R K N N M
E I T W T P M N A T	S A F G P N L R Y I	V K W R R R E T R E	A W N N V T V W G S
R Y V V G Q T P V Y	V P Y E I R V Q A E	N D F G K G P E P E	S V I G Y S G E D L
P S A P R R F R V R	Q P N L E T I N L E	W D H P E H P N G I	M I G Y T L K Y V A
F N G T K V G K Q I	V E N F S P N Q T K	F T V Q R T D P V S	R Y R F T L S A R T
Q V G S G E A V T E	E S P A P P N E A T	P T A A Y T N N Q A	D I A T Q

**Biological Activity** Measured in a cell proliferation assay using SH-SY5Y cells. The ED<sub>50</sub> for this effect is 1.498 µg/mL, corresponding to a specific activity is 667.557 units/mg.

**Appearance** Lyophilized powder

**Formulation** Lyophilized from a 0.22 µm filtered solution of 20 mM Tris-HCL, 150 mM NaCl, pH 8.5.

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<b>Endotoxin Level</b>	<1 EU/μg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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