

Active Recombinant Human NFASC Protein, His-tagged

Cat. No. NFASC-689H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NFASC (Accession # NP_055905) Ile25-Trp1039, fused with a C-terminal 6-His tag, was produced in Human embryonic kidney cell, HEK293-derived.
Species	Human
Source	HEK293
ProteinLength	Ile25-Trp1039
Predicted N Terminal	Ile25
Form	Lyophilized from a 0.2 µ filtered solution in PBS with Trehalose.
Bio-activity	Measured by its ability to enhance neurite outgrowth of E16-E18 rat embryonic cortical neurons. Recombinant Human Neurofascin, immobilized at 6 µg/mL on a 96-well plate, is able to significantly enhance neurite outgrowth.
Molecular Mass	Recombinant Human NFASC, His-tagged has a calculated MW of 116 kDa. In SDS-PAGE migrates as 120-140 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE with silver staining.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

GENE INFORMATION

Gene Name	NFASC neurofascin [Homo sapiens]
Official Symbol	NFASC
Synonyms	NFASC; neurofascin; neurofascin homolog (chicken); FLJ46866; KIAA0756; NF; NRCAML; neurofascin homolog; DKFZp686P2250;
Gene ID	23114
mRNA Refseq	NM_001005388
Protein Refseq	NP_001005388
MIM	609145
UniProt ID	O94856
Chromosome Location	1q32.1

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