

Recombinant Human INA Protein His-tagged

Cat. No. INA-66H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human internexin neuronal intermediate filament protein, alpha (INA), Met1-Asn293, with N-terminal His tag, expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-293 a.a.
Description	Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene is a member of the intermediate filament family and is involved in the morphogenesis of neurons.
Molecular Mass	32.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	At -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol,1% Sarkosyl.

GENE INFORMATION

Gene Name INA internexin neuronal intermediate filament protein alpha [Homo sapiens (human)]

Official Symbol INA

Synonyms INA; internexin neuronal intermediate filament protein alpha; NEF5; NF66; NF-66; TXBP-1; alpha-internexin; 66 kDa neurofilament protein; alpha-Inx; neurofilament 5 (66kD); neurofilament-66, tax-binding protein

Gene ID 9118

mRNA Refseq NM_032727

Protein Refseq NP_116116

MIM 605338

UniProt ID Q16352

SDS-PAGE



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