Recombinant Full Length Human INA Protein, GST-tagged

Cat. No. INA-6955HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human INA (1 a.a. - 499 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	499 amino acids
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	81.8 kDa
AA Sequence	MSFGSEHYLCSSSSYRKVFGDGSRLSARLSGAGGAGGFRSQSLSRSNVASSAACS SASSLGLGLAYRRPPASDGL DLSQAAARTNEYKIIRTNEKEQLQGLNDRFAVFIEKV HQLETQNRALEAELAALRQRHAEPSRVGELFQRELRDL RAQLEEASSARSQALLER DGLAEEVQRLRARCEEESRGREGAERALKAQQRDVDGATLARLDLEKKVESLLDEL A FVRQVHDEEVAELLATLQASSQAAAEVDVTVAKPDLTSALREIRAQYESLAAKNLQ SAEEWYKSKFANLNEQAAR STEAIRASREEIHEYRRQLQARTIEIEGLRGANESLER QILELEERHSAEVAGYQDSIGQLENDLRNTKSEMARH LREYQDLLNVKMALDIEIAA YRKLLEGEETRFSTSGLSISGLNPLPNPSYLLPPRILSATTSKVSSTGLSLKKEE EEE

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	EASKVASKKTSQIGESFEEILEETVISTKKTEKSNIEETTISSQKI
Applications	ELISA; WB-Re; AP; Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	INA internexin neuronal intermediate filament protein, alpha [Homo sapiens (human)]
Official Symbol	INA
Synonyms	INA; NEF5; NF-66; TXBP-1; internexin neuronal intermediate filament protein, alpha; alpha-internexin; alpha-Inx; neurofilament 5 (66kD); 66 kDa neurofilament protein; neurofilament-66, tax-binding protein
Gene ID	9118
mRNA Refseq	NM_032727
Protein Refseq	NP_116116
MIM	605338
UniProt ID	Q16352

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