

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 HQLETQNRALAEALALRQRHAEPSRVGELFQRELRLDL RAQLEEASSARSQALLER DGLAAEVQRLRARCEEEESRGREGAERALKAQQRDVGATLARLDLEKKVESLLDEL A FVRQVHDEEVAELLATLQASSQAAAQVDVTVAKPDLTSALREIRAQYESLAAKNLQ SAEEWYKSKFANLNEQAAR STEAIRASREEIHEYRRQLQARTIEIEGLRGANESLER QILELEERHSAEVAGYQDSIGQLENDLRNTKSEMARH LREYQDLLNVKMLDIEIAA YRKLEGEETRSTSGLSISGLNPLPNPSYLLPPRILSATTSKVSSTGLSLKKEE EEE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

EASKVASKKTSQIGESFEEILEETVISTKKTEKSNIETTSSQKI

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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