

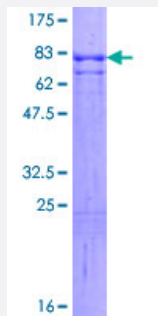
Full-Length

INA (Human) Recombinant Protein (P01)

Catalog # H00009118-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human INA full-length ORF (NP_116116.1, 1 a.a. - 499 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSFGSEHYLCSSSSYRKVF GDGSRLSARLSGAGGAGGFRSQSLSRSNVASSAACSSASSLGLG
LAYRRPPASDGLDLSQAAARTNEYKIIRTNEKEQLQGLNDRFAVFIKVVHQLTQNRALAEALAAL
RQRHAEPSRVGELFQRELRLRAQLEEASSARSQALLERDGLAEVQRLRARCEEEESRGREGA
ERALKAAQRDVGATLARLDLEKKVESLLDELA FVRQVHDEEVAELLATLQASSQAAA EVDTV
AKPDLTSALREIRAQYESLA AKNLQSAEEWYKSKFANLNEQAARSTEAIRASREEIHEYRQLQAR
TIEIEGLRGANESLERQILEERHSAEVAGYQDSIGQLENDLRNTKSEMARHLREYQDLLNVKMAL
DIEIAAYRKLLGEETRFSTSGLSISGLNPLPNPSYLLPPRILSATTSKVSSTGLSLKKEEEEEEEASK
VASKKTSQIGESFEEILEETVISTKKTEKS NIEETTISSQKI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

81.8

Interspecies Antigen Sequence

Mouse (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — INA

Entrez GeneID	9118
GeneBank Accession#	NM_032727.2
Protein Accession#	NP_116116.1
Gene Name	INA
Gene Alias	FLJ18662, FLJ57501, MGC12702, NEF5, NF-66, TXBP-1
Gene Description	internexin neuronal intermediate filament protein, alpha
Omim ID	605338
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000020403 neurofilament 5 (66kD) neurofilament-66, tax-binding protein

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)