



Recombinant Human Alpha-internexin (INA)

Product Code	CSB-EP624093HU-B
Abbreviation	INA
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q16352
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSFGSEHYLC SSSSYRKVFG DGSRLSARLS GAGGAGGFRS QSLSRSNVAS SAACSSASSL GLGLAYRRPP ASDGLDLSQA AARTNEYKII RTNEKEQLQG LNDRFVAFIE KVHQLTQNR ALEAELAALR QRHAEPSRVG ELFQRELRDL RAQLEEASSA RSQALLERDG LAEEVQRLRA RCEEEESRGRE GAERALKAQQ RDVDGATLAR LDLEKKVESL LDELAFVRQV HDEEVAELLA TLQASSQAAA EVDVTVAKPD LTSALREIRA QYESLAAKNL QSAEEWYKSK FANLNEQAAR STEAIRASRE EIHEYRRQLQ ARTIEIEGLR GANESLERQI LELEERHSAE VAGYQDSIGQ LENDLRNTKS EMARHLREYQ DLLNVKMALD IEIAAYRKLL EGEETRFSTS GLSISGLNPL PNPSYLLPPR ILSATTSKVS STGLSLKKEE EEEEASKVAS KKTSQIGESF EEILEETVIS TKKTEKSNIE ETTISSQKI
Source	E.coli
Target Names	INA
Protein Names	Recommended name: Alpha-internexin Short name= Alpha-Inx Alternative name(s): 66 kDa neurofilament protein Short name= NF-66 Short name= Neurofilament-66 Neurofilament 5
Expression Region	1-499
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.