Recombinant Human Neuromodulin (GAP43)

Product Code	CSB-EP009231HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P17677
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MLCCMRRTKQ VEKNDDDQKI EQDGIKPEDK AHKAATKIQA SFRGHITRKK LKGEKKDDVQ AAEAEANKKD EAPVADGVEK KGEGTTTAEA APATGSKPDE PGKAGETPSE EKKGEGDAAT EQAAPQAPAS SEEKAGSAET ESATKASTDN SPSSKAEDAP AKEEPKQADV PAAVTAAAAT TPAAEDAAAK ATAQPPTETG ESSQAEENIE AVDETKPKES ARQDEGKEEE PEADQEHA
Source	E.coli
Target Names	GAP43
Protein Names	Recommended name: Neuromodulin Alternative name(s): Axonal membrane protein GAP-43 Growth-associated protein 43 Neural phosphoprotein B-50 pp46
Expression Region	1-238
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	This protein has been termed a growth or plasticity protein because it is expressed at high levels in neuronal growth cones during development and axonal regeneration. This protein is considered a crucial component of an effective regenerative response in the nervous system. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
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.