Recombinant Rat Glial fibrillary acidic protein (Gfap)

Product Code	CSB-BP009369RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P47819
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MERRRITSAR RSYASSETMV RGHGPTRHLG TIPRLSLSRM TPPLPARVDF SLAGALNAGF KETRASERAE MMELNDRFAS YIEKVRFLEQ QNKALAAELN QLRAKEPTKL ADVYQAELRE LRLRLDQLTT NSARLEVERD NLTQDLGTLR QKLQDETNLR LEAENNLAVY RQEADEATLA RVDLERKVES LEEEIQFLRK IHEEEVRELQ EQLAQQQVHV EMDVAKPDLT AALREIRTQY EAVATSNMQE TEEWYRSKFA DLTDVASRNA ELLRQAKHEA NDYRRQLQAL TCDLESLRGT NESLERQMRE QEERHARESA SYQEALARLE EEGQSLKEEM ARHLQEYQDL LNVKLALDIE IATYRKLLEG EENRITIPVQ TFSNLQIRET SLDTKSVSEG HLKRNIVVKT VEMRDGEVIK ESKQEHKDVM
Source	Baculovirus
Target Names	Gfap
Protein Names	Recommended name: Glial fibrillary acidic protein Short name= GFAP
Expression Region	1-430
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 gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
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.