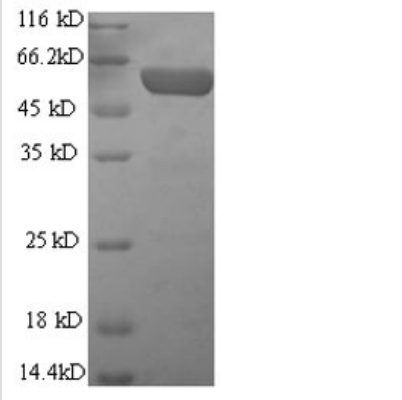
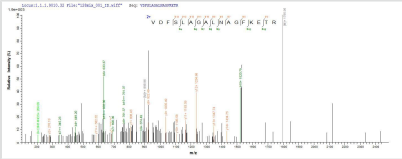
Recombinant Mouse Glial fibrillary acidic protein (Gfap)

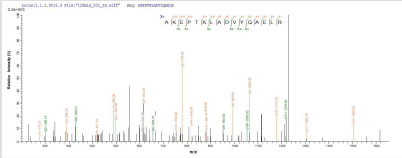
Product Code	CSB-EP009369MO
Relevance	GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous syst, distinguishes astrocytes from other glial cells.
Abbreviation	Recombinant Mouse GFAP protein
Storage	The shelf life is related to many factors, 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.	P03995
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MERRRITSARRSYASETVVRGLGPSRQLGTMPRFSLSRMTPPLPARVDFSLA GALNAGFKETRASERAEMMELNDRFASYIEKVRFLEQQNKALAAELNQLRAKE PTKLADVYQAELRELRLRLDQLTANSARLEVERDNFAQDLGTLRQKLQDETNL RLEAENNLAAYRQEADEATLARVDLERKVESLEEEIQFLRKIYEEEVRELREQL AQQQVHVEMDVAKPDLTAALREIRTQYEAVATSNMQETEEWYRSKFADLTDA ASRNAELLRQAKHEANDYRRQLQALTCDLESLRGTNESLERQMREQEERHAR ESASYQEALARLEEEGQSLKEEMARHLQEYQDLLNVKLALDIEIATYRKLLEGE ENRITIPVQTFSNLQIRETSLDTKSVSEGHLKRNIVVKTVEMRDGEVIKDSKQEH KDVVM
Research Area	Others
Source	E.coli
Target Names	GFAP
Expression Region	1-430aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	65.9kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP009369MO could indicate that this peptide derived from E.coli-expressed Mus musculus (Mouse) GFAP.



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Description

Expand your neurobiological research with our Recombinant Mouse GFAP, the Glial fibrillary acidic protein. This protein, produced in E.coli, is a key factor in exploring the intricate world of glial cell structure and function.

Our GFAP is a full-length protein (1-430aa), providing a comprehensive representation of its structure and function. The protein is expressed with a N-terminal 6xHis-SUMO tag, facilitating efficient purification and optimal stability. With a purity exceeding 90% as determined by SDS-PAGE, our Recombinant Mouse GFAP meets the highest standards of scientific exploration. Choose between a liquid form for immediate experimentation or a lyophilized powder for extended stability, and take your research to new heights.

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.