

## Active Recombinant Mouse GFAP protein, His-tagged

**Cat. No.** GFAP-1902M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse GFAP protein(Met 1 - Met 430), fused with His tag, was expressed in E.coli.                                                                                     |
| <b>Species</b>          | Mouse                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                            |
| <b>ProteinLength</b>    | Met1-Met430                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in 20 mM Tris, 0.5 M Arginine, 150 mM NaCl, pH8.0 with trehalose as protectant.                                                        |
| <b>Bio-activity</b>     | Immobilized Mouse GFAP, His Tag at 1 µg/mL (100 µL/well) can bind GFAP Monoclonal Antibody with a linear range of 0.4-25 ng/mL.                                                   |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 51.9 kDa. The protein migrates as 55-60 kDa under reducing (R) condition (SDS-PAGE). |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                        |
| <b>Purity</b>           | >95% as determined by SDS-PAGE.                                                                                                                                                   |
| <b>Storage</b>          | For long term, the product should be stored at lyophilized state at -20°C or lower.Please protect from light and avoid repeated freeze-thaw cycles.This product is                |

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stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** [Gfap glial fibrillary acidic protein \[ Mus musculus \]](#)

**Official Symbol** [GFAP](#)

**Synonyms** GFAP; glial fibrillary acidic protein; intermediate filament protein; AI836096;

**Gene ID** [14580](#)

**mRNA Refseq** [NM\\_001131020](#)

**Protein Refseq** [NP\\_001124492](#)

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