

## 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 $\mu$ m 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 $\mu$ g/mL (100 $\mu$ L/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 $\mu$ g 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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