

Active Recombinant Mouse GFAP protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse GFAP protein(Met 1 - Met 430), fused with His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Met430
Form	Lyophilized from 0.22 µm filtered solution in 20 mM Tris, 0.5 M Arginine, 150 mM NaCl, pH8.0 with trehalose as protectant.
Bio-activity	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.
Molecular Mass	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).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	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; A1836096;

Gene ID [14580](#)

mRNA Refseq [NM_001131020](#)

Protein Refseq [NP_001124492](#)

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