

Recombinant Rat Gfap protein, His & T7-tagged

Cat. No. Gfap-890R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gfap aa. (Met1~Met430 (Accession# P47819)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Met430
Description	Intermediate filament protein specific for astrocytes.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Characteristic	The isoelectric point is 5.4.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

Gfap glial fibrillary acidic protein [*Rattus norvegicus* (Norway rat)]

Official Symbol

Gfap

Synonyms

Gfap; glial fibrillary acidic protein; glial fibrillary acidic protein alpha; glial fibrillary acidic protein delta; intermediate filament

Gene ID

24387

mRNA Refseq

NM_017009.2

Protein Refseq

NP_058705.2

UniProt ID

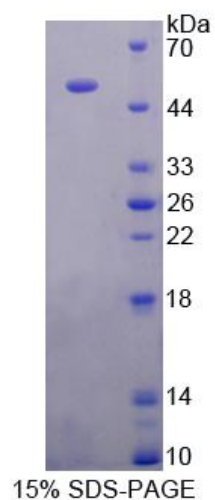
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SDS-PAGE



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