

Recombinant Rat Gfap protein, His-tagged

Cat. No. Gfap-889R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gfap aa. (Val113~Glu211) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val113~Glu211
Description	Intermediate filament protein specific for astrocytes.
Form	Freeze-dried powder
Molecular Mass	19kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 4.9.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
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.
Concentration	200µg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

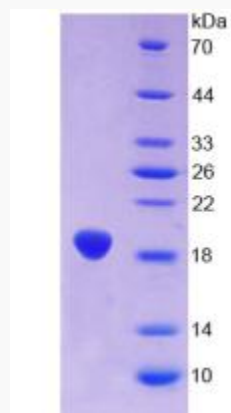
Gene Name	Gfap glial fibrillary acidic protein [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Gfap
Synonyms	Gfap; glial fibrillary acidic protein; glial fibrillary acidic protein alpha; glial fibrillary acidic protein delta; intermediate filament
Gene ID	24387
mRNA Refseq	NM_017009.2
Protein Refseq	NP_058705.2
UniProt ID	P47819

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SDS-PAGE



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