

Recombinant Mouse GFAP Protein (1-430 aa), His-tagged

Cat. No. GFAP-1399M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse GFAP Protein (1-430 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Mouse
Source	Yeast
ProteinLength	1-430 aa
Description	GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous syst, distinguishes astrocytes from other glial cells.
Form	Tris-based buffer,50% glycerol
Molecular Mass	51.9 kDa
AA Sequence	MERRRITSARRSYASETVVRGLGPSRQLGTMPRFSLSRMTPPLPARVDFSLAGALN AGFKETRASERAEMMELNDRFASYIEKVRFLQKQNKALAAELNQLRAKEPTKLADVY QAE LRELRLRLDQLTANSARLEVERDNFAQDLGTLRQKLQDETNLRLAENNLAAY RQEAD EATLARVDLERKVESLEEEIQFLRKIYEEEVRELREQLAQQQVHVEMDVAKP DLTAALREIRTQYEAVATSNMQETEEWYRSKFADLTDAASRNAELLRQAKHEANDY RRQLQALTCDLESRLRGTNESLERQMREQEERHARESASYQEALARLEEEGQSLKE EMARHLQEYQDLLNVKLALDIEIATYRKLLERGEENRITIPVQTFSNLQIRETSLDTKSV

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SEGLKRNIVVKTVMRDGEVIKDSKQEHKDVVM

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name *Gfap* glial fibrillary acidic protein [*Mus musculus*]

Official Symbol **GFAP**

Synonyms GFAP; intermediate filament protein; A1836096;

Gene ID 14580

mRNA Refseq NM_001131020

Protein Refseq NP_001124492

UniProt ID P03995

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