

Recombinant Full Length Human GFAP Protein

Cat. No. GFAP-188HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human GFAP (amino acids 1-432) with a N terminal proprietary tag; predicted MWt 73.59kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	432 amino acids
Description	This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Form	Liquid
Molecular Mass	73.590kDa inclusive of tags
AA Sequence	MERRRITSAARRSYVSSGEMMVGGLAPGRRRLGPGTRL SLA RMPPPLPTRVDFSLA GALNAGFKETRASERAEMMELNDRF ASYIEKVRFLEQQNKALAAELNQLRAKEPTK LADVYQAE LRELRLRLDQLTANSARLEVERDNLAQDLATVRQKLQDET N LRLEAEN NLAAYRQEAD EATLARLDLERKIESLEEEI RFL RKIHEEEVRELQEQLARQQVHVELD VAKPDLTAALKEIRT QYEAMASSNMHEAEWYRSKFADLTDA AARNAELLRQAKH EANDYRRQLQSLTCDLES LRGTNESLERQMREQEERHVRE AASYQEALARLEEEG

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QSLKDEMARHLQEYQDLLNVKLALD IEIATYRKLLERGEENRITIPVQTFSNLQIRETSL
DTKSVS EGHMKRNIVVKTVMRDGEVIKESKQEHKDV

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name GFAP glial fibrillary acidic protein [Homo sapiens]

Official Symbol GFAP

Synonyms GFAP; glial fibrillary acidic protein; FLJ45472; intermediate filament protein

Gene ID 2670

mRNA Refseq NM_001131019

Protein Refseq NP_001124491

MIM 137780

UniProt ID P14136

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