Recombinant Human GFAP protein, MYC/DDK-tagged

Cat. No. GFAP-20H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GFAP, transcript variant 1, fussed with MYC/DDK tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	1-432 aa
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	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	GFAP glial fibrillary acidic protein [Homo sapiens]
Official Symbol	GFAP
Synonyms	ALXDRD; glial fibrillary acidic protein
Gene ID	2670
mRNA Refseq	NM_002055
Protein Refseq	NP_002046
MIM	137780
UniProt ID	P14136
Chromosome Location	17q21
Pathway	Neural Crest Differentiation, organism-specific biosystem; Nuclear signaling by ERBB4, organism-specific biosystem; Signal Transduction, organism-specific biosystem
Function	integrin binding; kinase binding; protein binding

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