Recombinant Human GFAP Protein, DYKDDDDK-tagged

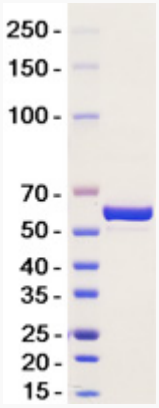
Cat. No. GFAP-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GFAP protein expressed from target gene encoding the sequence of full-length protein with a DYKDDDDK tag at the C-terminus was expressed in human 293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	52.9 kDa
Endotoxin	< 0.1 ng/μg of protein (< 1 EU /μg)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies; For research & development use only!
Storage Buffer	Purified protein formulated in a sterile solution of TBS buffer, pH7.4, without any preservatives

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GENE INFORMATION

Gene Name	GFAP glial fibrillary acidic protein [Homo sapiens (human)]
Official Symbol	GFAP
Synonyms	GFAP; glial fibrillary acidic protein; ALXDRD; glial fibrillary acidic protein
Gene ID	2670
mRNA Refseq	NM_002055
Protein Refseq	NP_002046
MIM	137780
UniProt ID	P14136
SDS-PAGE	

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