Recombinant Human GFAP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GFAP-5627H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GFAP MS Standard C13 and N15-labeled recombinant protein (NP_002046) with a C-terminal MYC/DDK tag, was expressed in HEK293 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	49.9 kDa
AA Sequence	MERRRITSAARRSYVSSGEMMVGGLAPGRRLGPGTRLSLARMPPPLPTRVDFSLA GALNAGFKETRASERAEMMELNDRFASYIEKVRFLEQQNKALAAELNQLRAKEPTKL ADVYQAELRELRLRLDQLTANSARLEVERDNLAQDLATVRQKLQDETNLRLEAENNL AAYRQEADEATLARLDLERKIESLEEEIRFLRKIHEEEVRELQEQLARQQVHVELDVA KPDLTAALKEIRTQYEAMASSNMHEAEEWYRSKFADLTDAAARNAELLRQAKHEAN DYRRQLQSLTCDLESLRGTNESLERQMREQEERHVREAASYQEALARLEEEGQSL KDEMARHLQEYQDLLNVKLALDIEIATYRKLLEGEENRITIPVQTFSNLQIRETSLDTK SVSEGHLKRNIVVKTVEMRDGEVIKESKQEHKDVMTRTRPLEQKLISEEDLAANDILD

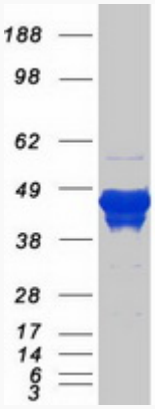
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	YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GFAP glial fibrillary acidic protein [Homo sapiens (human)]
Official Symbol	GFAP
Synonyms	GFAP; glial fibrillary acidic protein; FLJ45472; intermediate filament protein; FLJ42474;
Gene ID	2670
mRNA Refseq	NM_002055
Protein Refseq	NP_002046
MIM	137780
UniProt ID	P14136

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SDS-PAGE	

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