

Product datasheet for **TP762317**

GFAP (NM_002055) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human glial fibrillary acidic protein (GFAP), transcript variant 1, Leu292-End, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Leu292-End) of GFAP
Tag:	N-His
Predicted MW:	16.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002046
Locus ID:	2670
UniProt ID:	P14136 , A7REI1
RefSeq Size:	3097
Cytogenetics:	17q21.31
RefSeq ORF:	1296
Synonyms:	ALXDRD



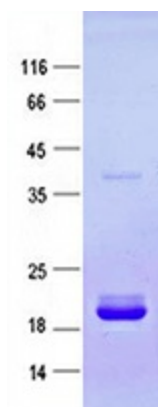
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Summary:

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. [provided by RefSeq, Oct 2008]

Protein Families:

ES Cell Differentiation/IPS

Product images:

Purified recombinant protein GFAP was analyzed by SDS-PAGE gel and Coomassie Blue Staining.