

Product datasheet for **TP725603**

GFAP Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human GFAP protein (N-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Leu292-Met432
Tag:	N-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
Note:	Recombinant Human Glial Fibrillary Acidic Protein is produced by our E.coli expression system and the target gene encoding Leu292-Met432 is expressed with a 6His tag at the N-terminus.
Stability:	12 months from date of despatch
Locus ID:	2670
UniProt ID:	P14136
Summary:	Glial Fibrillary Acidic Protein (GFAP) is an intermediate filament (IF) protein which belongs to the intermediate filament family. GFAP is expressed in numerous cell types of the central nervous system (CNS), ependymal cells and phosphorylated by PKN1. GFAP, a class-III intermediate filament, is a cell-specific marker during the development of the central nervous system and distinguishes astrocytes from other glial cells. It is closely related to its non-epithelial family members, vimentin, desmin, and peripherin, which are all involved in the structure and function of the cell's cytoskeleton. GFAP is thought to help to maintain astrocyte mechanical strength, as well as the shape of cells but its exact function remains poorly understood.



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