

## Product datasheet for **TP304548**

### GFAP (NM\_002055) Human Recombinant Protein

#### Product data:

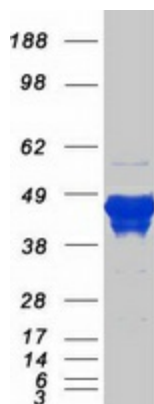
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human glial fibrillary acidic protein (GFAP), transcript variant 1
Species:	Human
Expression Host:	HEK293T
Tag:	C-Myc/DDK
Predicted MW:	49.7 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Bioactivity:	WB positive control (PMID: <a href="#">29774780</a> )
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Storage:	Store at -80°C.
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:	<a href="#">NP_002046</a>
Locus ID:	2670
UniProt ID:	<a href="#">P14136</a> , <a href="#">A7REI1</a>
RefSeq Size:	3097
Cytogenetics:	17q21.31
RefSeq ORF:	1296
Synonyms:	ALXDRD
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]



[View online »](#)

Protein Families: ES Cell Differentiation/IPS

### Product images:



Coomassie blue staining of purified GFAP protein (Cat# TP304548). The protein was produced from HEK293T cells transfected with GFAP cDNA clone (Cat# [RC204548]) using MegaTran 2.0 (Cat# [TT210002]).