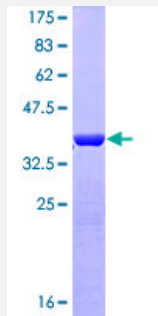


# GFAP (Human) Recombinant Protein (Q01)

Catalog # H00002670-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                |                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Human GFAP partial ORF ( AAH41765, 131 a.a. - 230 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                | TANSARLEVERDNLAQDLATVRQKLQDETNRLEAENNLAAYRQEADEATLARLDLERKIESLEE<br>EIRFLRKIHEEEVRELQEQLARQQVHVELDVAKPD |
| <b>Host</b>                    | Wheat Germ (in vitro)                                                                                   |
| <b>Theoretical MW (kDa)</b>    | 36.74                                                                                                   |
| <b>Preparation Method</b>      | <a href="#">in vitro wheat germ expression system</a>                                                   |
| <b>Purification</b>            | Glutathione Sepharose 4 Fast Flow                                                                       |
| <b>Quality Control Testing</b> | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                             |
| <b>Storage Buffer</b>          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                |
| <b>Storage Instruction</b>     | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                         |
| <b>Note</b>                    | Best use within three months from the date of receipt of this protein.                                  |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — GFAP

Entrez GeneID [2670](#)

GeneBank Accession# [BC041765](#)

Protein Accession# [AAH41765](#)

Gene Name GFAP

Gene Alias FLJ45472

Gene Description glial fibrillary acidic protein

Omim ID [137780 203450](#)

Gene Ontology [Hyperlink](#)

**Gene 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]

Other Designations -

## Disease

- [Alzheimer disease](#)
- [Cognition](#)