

[Go to Product page](#)

## Datasheet for ABIN7092818

### GFAP Protein (Fc Tag)

#### Overview

Quantity:	100 µg
Target:	GFAP
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GFAP protein is labelled with Fc Tag.

#### Product Details

Purpose:	Recombinant Human GFAP(7-66) with C-terminal human Fc tag
Specificity:	GFAP (Thr7-Arg66) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

#### Target Details

Target:	GFAP
Alternative Name:	GFAP ( <a href="#">GFAP Products</a> )
Background:	Synonyms: ALXDRD 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

## Target Details

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]

**Molecular Weight:** predicted molecular mass of 32.4 kDa after removal of the signal peptide. The apparent molecular mass of GFAP(7-66)-hFc is 35-55 kDa due to glycosylation.

**UniProt:** [P14136](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

**Reconstitution:** Reconstitute with deionized water

**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

**Storage:** -20 °C, -80 °C

**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

**Expiry Date:** 12 months