

Datasheet for ABIN7092819

**GFAP Protein (AA 68-377) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	GFAP
Protein Characteristics:	AA 68-377
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GFAP protein is labelled with His tag.

## Product Details

Purpose:	Recombinant human GFAP(68-377) protein with N-terminal 6xHis tag
Specificity:	6xHis tag GFAP (Ser68-Ile377)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	GFAP
Alternative Name:	GFAP ( <a href="#">GFAP Products</a> )
Background:	This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is

Target Details

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]

Molecular Weight:	predicted molecular mass of 37.2 kDa after removal of the signal peptide. The apparent molecular mass of His-GFAP(68-377) is 35-55 kDa due to glycosylation.
UniProt:	<a href="#">P14136</a>

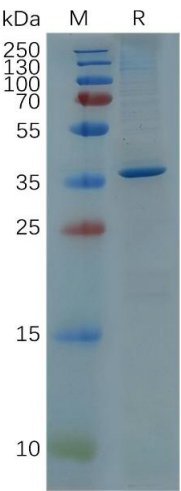
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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

Images



**SDS-PAGE**

**Image 1.** Human GFAP(68-377) Protein, His Tag on SDS-PAGE under reducing condition.