

Datasheet for ABIN7562741  
**GFAP Protein (AA 1-430) (His tag)**



[Go to Product page](#)

3 Images

## Overview

Quantity:	1 mg
Target:	GFAP
Protein Characteristics:	AA 1-430
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GFAP protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Gfap Protein expressed in mammalian cells.
Sequence:	<p>MERRRITSAR RSYASETVVR GLGPSRQLGT MPRFSLSRMT PPLPARVDFS LAGALNAGFK</p> <p>ETRASERAEM MELNDRFASY IEKVRFLEQQ NKALAAELNQ LRAKEPTKLA DVYQAE LREL</p> <p>RLRLDQLTAN SARLEVERDN FAQDLGTLRQ KLQDETNLRL EAENNLAAAYR QEAD EATLAR</p> <p>VDLERKVESL EEEIQFLRKI YEEEVRELRE QLAQQQVHVE MDVAKPDLTA ALREIRTQYE</p> <p>AVATSNMQET EEWYRSKFAD LTDAASRNAE LLRQAKHEAN DYRRQLQALT CDLES LRGTN</p> <p>ESLERQMREQ EERHARESAS YQEALARLEE EGQSLKEEMA RHLQEYQDLL NVKLALDIEI</p> <p>ATYRKLLEGE ENRITIPVQT FSNLQIRETS LDTKSVSEGH LKRNI VVKTV EMRDGEVIKD</p> <p>SKQEHKDVVM <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

## Product Details

Characteristics:	<div><div>Key Benefits:</div><ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul><p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p><p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p><p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p></div>
------------------	--

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	GFAP
Alternative Name:	Gfap ( <a href="#">GFAP Products</a> )
Background:	Glial fibrillary acidic protein (GFAP),FUNCTION: GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells.
Molecular Weight:	49.9 kDa
UniProt:	<a href="#">P03995</a>

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

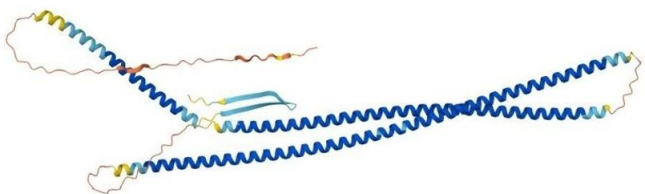
Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

Images



**Protein Structure**

**Image 1.** AlphaFold protein structure prediction of Mouse Recombinant Gfap Protein, UniprotID P03995



**Protein Structure**

**Image 2.** AlphaFold protein structure prediction of Mouse Recombinant Gfap Protein, UniprotID P03995





### Protein Structure

**Image 3.** AlphaFold protein structure prediction of Mouse Recombinant Gfap Protein, UniprotID P03995

