

# Recombinant Zebrafish GFAP Protein (1-444 aa), His-SUMO-Myc-tagged

**Cat. No.** GFAP-2237Z    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Zebrafish ( <i>Danio rerio</i> ) ( <i>Brachydanio rerio</i> ) GFAP Protein (1-444 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Neuroscience. Protein Description: Full Length.
<b>Species</b>	Zebrafish
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-444 aa
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	71.2 kDa
<b>AA Sequence</b>	MESQRSFSSYRKRFGTPGGSPSVGVTSRHSTGRLSLHSSPRHLTSSPLTLSTSRLS LGGERLDFSADSLKKAQYRETRTNEKVEMMGLNDRFASYIEKVRFLQNNKMLVAE LNQLRGKEPSRLGDIYQEELRELRRQVDGLNAGKARLEIERDNLASDLGTLKQRLQD ETALRQEAENNLNTRQDVDEAALNRVQLERKIEALQDEINFLKKVHEEEMRELHEQ LMAQQVHVDLDVSKPDLTAALKEIRAQFEAMANSNMQETEEWYRSKFADLTDAANR NGEALRQAKQEANDYRRQIQGLTCDLESLRGSNESLERQLREMEERFAIETAGYQD TVARLEDEIQMLKEEMARHLQEYQDLLNVKLALDIEIATYRKLLEGEESRITVPVQNFT NLQFRDTSMDTKLTPEAHVKRSIVVRTVETRDGEIIEKSTTERKDLP

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<b>Purity</b>	> 85% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

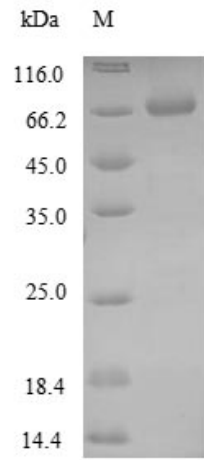
## GENE INFORMATION

<b>Gene Name</b>	<a href="#">gfap glial fibrillary acidic protein [ Danio rerio ]</a>
<b>Official Symbol</b>	<a href="#">GFAP</a>
<b>Synonyms</b>	cb345; gfapl; wu:fb34h11; wu:fk42c12; zgc:110485; etID36982.3; xx:af506734;
<b>Gene ID</b>	<a href="#">30646</a>
<b>mRNA Refseq</b>	<a href="#">NM_131373.2</a>
<b>Protein Refseq</b>	<a href="#">NP_571448.2</a>
<b>UniProt ID</b>	<a href="#">Q58EE9</a>

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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