

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

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

SPECIFICATION

Product Overview	Recombinant Zebrafish (Danio rerio) (Brachydanio rerio) 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.
Species	Zebrafish
Source	E.coli
ProteinLength	1-444 aa
Form	Tris-based buffer,50% glycerol
Molecular Mass	71.2 kDa
AA Sequence	MESQRSFSSYRKRFGTPGGSPSVGVTSRHSTGRSLHSSPRHLTSSPLTLSTSRLS LGGERLDFSADSLKAQYRETRTNEKVEMMGLNDRFASYIEKVRFLQNNKMLVAE LNQLRGKEPSRLGDIYQEELRELRRQVDGLNAGKARLEIERDNLASDLGTLKQRLQD ETALRQEAENNLNTRQDVDEAALNRVQLERKIEALQDEINFLKKVHEEEMRELHEQ LMAQQVHVDLDVSKPDLTAALKEIRAQFEAMANSNMQETEEWYRSKFADLTDAANR NGEALRQAKQEANDYRRQIQGLTCDLESRLGSNESLERQLREMEERFAIETAGYQD TVARLEDEIQMLKEEMARHLQEYQDLLNVKLALDIEIATYRKLLERGEESRITVPVQNFT NLQFRDTSMDTKLTPEAHVKRSIVVRTVETRDGEIIEKSTTERKDLP

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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	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.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

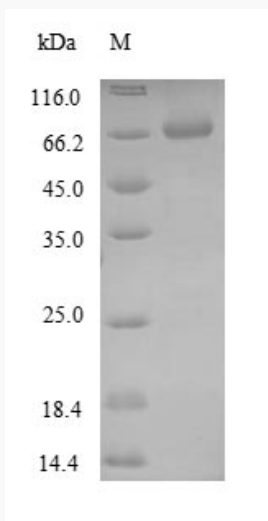
GENE INFORMATION

Gene Name	gfap glial fibrillary acidic protein [Danio rerio]
Official Symbol	GFAP
Synonyms	cb345; gfapl; wu:fb34h11; wu:fk42c12; zgc:110485; etlD36982.3; xx:af506734;
Gene ID	30646
mRNA Refseq	NM_131373.2
Protein Refseq	NP_571448.2
UniProt ID	Q58EE9

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

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