

Glial Fibrillary Acidic Protein (GFAP) Recombinant Protein | GFAP recombinant protein

Recombinant Glial Fibrillary Acidic Protein (GFAP)

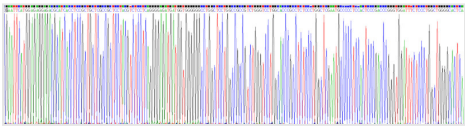
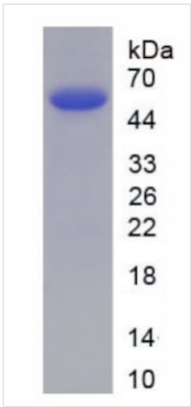
CATALOG # AAA133950	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Glial Fibrillary Acidic Protein (GFAP); Recombinant Glial Fibrillary Acidic Protein (GFAP); GFAP recombinant protein

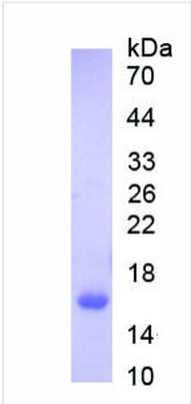
PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	Freeze-dried powder; 100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 250ug/mL (varies by lot)
Applicable Applications for GFAP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Met432
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Predicted isoelectric point	5.2
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition



Identification

SDS_PAGE



MERRRITSAA RRSYVSSGEM MVGGLAPGRR LGPGTRLSLA RMPPPLPTRV
DFSLAGALNA GFKETRASER AEMMELNDRF ASYIEKVRFL EQQNKALAAE
LNQLRAKEPT KLADVYQAEI RELRLRLDQL TANSARLEVE RDNLAQDLAT
VRQKLQDET N LRLEAENMLA AYRQEADEAT LARLDLERKI ESLEEEIRFL
RKIIEEEVRE LQEQLARQV HVELDVAKPD LTAALKEIRT QYEAMASSNM
HEAEEWYRSK FADLTDAAR NAELLRQAKH EANDYRRQLQ SLTCDLES LR
GTNESLERQM REQEERHVR E AASYQEALAR LEEEGQSLKD EMARHLQEYQ
DLLNVKLALD IEIATYRKLL EGEENRITIP VQTFSNLQIR ETSLDTKSVS
EGHLKRNIIV KTVEMRDGEV IKESKQEHKD VM

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	196115290
NCBI GeneID	2670
NCBI Accession #	NP_001124491.1
NCBI GenBank Nucleotide #	NM_001131019.2
UniProt Accession #	P14136; Q53H98; Q5D055; Q6ZQS3; Q7Z5J6; Q7Z5J7; Q96KS4; Q96P18; Q9UFD0; B2RD44; D3DX59; E9PAX3
Molecular Weight	Predicted Molecular Mass: 53.7kDa Accurate Molecular Mass: 55kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	glial fibrillary acidic protein isoform 2
NCBI Official Synonym Full Names	glial fibrillary acidic protein
NCBI Official Symbol	GFAP
NCBI Protein Information	glial fibrillary acidic protein
UniProt Protein Name	Glial fibrillary acidic protein
UniProt Gene Name	GFAP
UniProt Synonym Gene Names	GFAP
UniProt Entry Name	GFAP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gfap-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/133950>