

Glial Fibrillary Acidic Protein Recombinant Protein | GFAP recombinant protein

Recombinant Glial Fibrillary Acidic Protein (GFAP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145386	E.coli	Rattus norvegicus (Rat)	Western Blot, SDS-Page

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 100ug/mL (varies by lot)
Sequence	MERRRITSAR RSYASSETMV RGHGPTRHLG TIPRLSLSRM TPPLPARVDF SLAGALNAGF KETRASERAE MMELNDRFAS YIEKVRFLEQ QNKALAAELN QLRAKEPTKL ADVYQAE LRE LRLRLDQLTT NSARLEVERD NLTQDLGTLR QKLQDETNR LEAENNLAVY RQEADATLA RVDLERKVES LEEIQFLRK IHEEEVRELQ EQLAQQQVHV EMDVAKPDLT AALREIRTQY EAVATSNMQE TEEWYRSKFA DLTDVASRNA ELLRQAKHEA NDYRRQLQAL TCDLESRLGT NESLERQMRE QEERHARESA SYQEALARLE EEGQSLKEEM ARHLQEYQDL LNVKLALDIE IATYRKLEEG EENRITIPVQ TFSNLQIRET SLDTKSVSEG HLKRNIVVKT VEMRDGEVIK ESKQEHKDVM
Applicable Applications for GFAP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Met430
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.4
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.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	251802
NCBI GeneID	2670
Molecular Weight	Predicted Molecular Mass: 53.6kDa Accurate Molecular Mass: 54kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	glial fibrillary acidic protein
NCBI Official Synonym Full Names	glial fibrillary acidic protein
NCBI Official Symbol	GFAP
NCBI Official Synonym Symbols	ALXDRD
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gfap-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145386>