

CATALOGUE #: 8G45

PRODUCT NAME: Glial fibrillary acidic protein (GFAP), human, recombinant

Source:	Expressed in <i>E. coli</i>
Description:	Synthetic DNA fragment encoding amino acids 60-383 of human GFAP (Accession number UniProtKB P14136, GFAP_HUMAN) was used for recombinant protein expression. Theoretical molecular weight 37 906 Da Theoretical pI 4.95
Applications:	Calibrator and standard preparation
Analysis:	Purity >90% (SDS-PAGE in reducing conditions) Concentration is determined spectrophotometrically at A280
Purification:	Ion exchange chromatography
Presentation:	Lyophilized from 16 mM NaHCO ₃ , containing 0.05% CHAPS and 0.05% Tween 20. It is recommended to reconstitute this product with deionized water to its initial concentration.
Storage:	Lyophilized and reconstituted at -70°C (-65 ... -80 °C allowed)
Other information:	Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution. The storage of lyophilized protein at -20°C may lead to a loss of 20% of immunochemical activity over two years. For protein dilutions, we do not recommend PBS or other buffers with high ionic strength. This may lead to precipitation.
Material safety note:	This product is sold for research or further manufacturing use only . Standard Laboratory Practices should be followed when handling this material.