Datasheet

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CATALOGUE #: 8G45

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

Source: Expressed in *E. coli*

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 pl 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 NaHCO₃, 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 This product is sold for research or further manufacturing use only. Standard Laboratory Practices

safety note: should be followed when handling this material.

