

CATALOGUE #: 8NF5

PRODUCT NAME: Neurofilament Light Chain (NfL), human, recombinant

Source: Expressed in *E. coli*

Description: Recombinant antigen

Synthetic DNA fragment encoding full-sized (1-543) human Neurofilament Light Chain (Accession number UniProtKB P07196) was used for recombinant protein expression.

Does not contain tags

Theoretical molecular weight: 61516.67 Da

Theoretical pI: 4.63

Analysis: Purity ≥95%

Concentration is determined spectrophotometrically

Purification: Ion-exchange chromatography

Presentation: Lyophilized from 16 mM Tris-HCl, pH 8.0, 0.8 mM EGTA, 4% sucrose, 2% SDS

It is recommended to reconstitute this product with deionized water to its initial concentration.

Storage: -70 °C (-65 ... -80 °C allowed)

Other information: Avoid repeated freezing and thawing. It is recommended to aliquot the product after the first thawing.

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.