



DataSheet

CATALOGUE #: 8GBP3

PRODUCT NAME: Recombinant human proBNP, glycosylated

Source: Expressed in a mammalian cell line

Description: Synthetic DNA fragment encoding His27-His134 part of full-length human proBNP (UniProtKB accession number P16860) was used for recombinant protein expression.

Protein is partially glycosylated. On the SDS-PAGE the protein has apparent molecular weight between 20 and 25 kDa.

Applications: Calibrator or standard in BNP or proBNP immunoassays

Analysis: Purity > 95% (Tricine-SDS-PAGE in reducing conditions).

ProBNP concentration is determined spectrophotometrically

Immunoreactivity is confirmed by reaction with monoclonal antibodies specific to different fragments of proBNP molecule.

Purification: Immunoaffinity purification followed by ion-exchange chromatography

Presentation: Lyophilized from PBS, pH 7.4

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

Storage: Lyophilized -20°C (-15...-30 °C allowed)

Reconstituted -70 °C (-65 ... -80 °C allowed)

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

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

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