

CATALOGUE #: 8GBP3

PRODUCT NAME: Recombinant human proBNP, glycosylated

Source:	Expressed in a mammalian cell line
Description:	<p>Synthetic DNA fragment encoding His27-His134 part of full-length human proBNP (UniProtKB accession number P16860) was used for recombinant protein expression.</p> <p>Protein is partially glycosylated. On the SDS-PAGE the protein has apparent molecular weight between 20 and 25 kDa.</p>
Applications:	Calibrator or standard in BNP or proBNP immunoassays
Analysis:	<p>Purity > 95% (Tricine-SDS-PAGE in reducing conditions).</p> <p>ProBNP concentration is determined spectrophotometrically</p> <p>Immunoreactivity is confirmed by reaction with monoclonal antibodies specific to different fragments of proBNP molecule.</p>
Purification:	Immunoaffinity purification followed by ion-exchange chromatography
Presentation:	<p>Lyophilized from PBS, pH 7.4</p> <p>It is recommended to reconstitute this product with deionized water to its initial concentration.</p>
Storage:	<p>Lyophilized -20°C (-15...-30 °C allowed)</p> <p>Reconstituted -70 °C (-65 ... -80 °C allowed)</p>
Other information:	<p>Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.</p> <p>To prepare diluted samples of proBNP it is recommended to use buffer solutions containing carrier protein and detergent (e.g. 0.05 M Tris-HCl, pH 7.8, 0.15 M NaCl, 0.01 % Tween 40, 0.5 % bovine serum albumin).</p>
Material safety note:	This product is sold for research or further manufacturing use only . Standard Laboratory Practices should be followed when handling this material.