



Recombinant pro-BNP antigen (aa108,>95%) [His] (DAGA-936)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Brain natriuretic peptide (BNP), now known as B-type natriuretic peptide (also BNP) or GC-B, is a 32 amino acid polypeptide secreted by the ventricles of the heart in response to excessive stretching of heart muscle cells (cardiomyocytes). The physiologic actions of BNP are similar to ANP and include decrease in systemic vascular resistance and central venous pressure as well as an increase in natriuresis. proBNP is the prohormone form of BNP.
Purity	>95% by silver staining SDS-PAGE
Conjugate	His
Applications	Enzyme Linked Fluorescent Assay. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Buffer	20 mM Sodium Phosphate, 150 mM Sodium Chloride, 50% Glycerol, 0.5 M Urea, 2 mM PhenylMethanesulfonyl Fluoride (PMSF), 1 mM 4-(2-Aminoethyl) Benzenesulfonyl Fluoride (AEBSF), pH 7.4±0.2.
Preservative	None
Storage	Store at -20°C. Aliquot to avoid multiple/freeze thaw cycles

BACKGROUND

Keywords pro Brain Natriuretic Peptide Protein;NT-proBNP Protein;ProBNP;NPPB Protein