

## 32-13641: proBNP Human

**Format :** Human proBNP solution contains 500 mM NaCl, 20mM Tris-HCl, 4mM CaCl<sub>2</sub>, 4mM MgCl<sub>2</sub> and 60 mM B-mercaptoethanol, pH 7.5.

**Alternative Name :** NPPB, Natriuretic Peptide Precursor B, BNP, B-type Natriuretic Peptide

### Description

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless liquid formulation.

Biological Activity: null

Natriuretic Peptide Precursor B acts as a cardiac hormone with a variety of biological actions including natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. It is thought to play a key role in cardiovascular homeostasis. Helps restore the body's salt and water balance. Improves heart function.

Recombinant Human Pro B-type Natriuretic Protein produced in E. Coli is a single, non-glycosylated, polypeptide chain (aa1-108), fused to His-tag and having a molecular weight of ~13kDa. The proBNP is purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 50 µg / 25 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Storage condition :** proBNP although stable at 10°C for 7 days, should be stored below -18°C. Please prevent freeze-thaw cycles.