9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NT-proBNP Human

NT-Pro-B-type Natriuretic Protein Human Recombinant
CYK0488

Product Overview

Name	NT-proBNP Human
Description	
NT-Pro-B-type Natriuretic Protein Human Recombinant	
Accession (Primary)	P16860
Synonyms	
NPPB, Natriuretic Peptide Precursor B, BNP, B-type Natriuretic Peptide.	
Introduction	
Natriuretic Peptide Precursor B acts as a cardiac hormone with a variety of biological actions including natriuresis,vasorelaxation,diuresis and inhibition of renin and aldosterone secretion. BNP plays a key role in cardiovascular homeostasis. BNP also helps restore the body's salt and water balance andimproves heart function.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Lyophilized from a 0.2 μm filtered concentrated solution in 20mM Tris-HCl, pH 8.0 and 150mM NaCl.	
Stability	
Lyophilized NT-proBNP although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution NT-Pro-B-type Natriuretic Protein should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles .	
Purity	
Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
Amino acid sequence	
HPLGSPGSAS DLETSGLQEQ RNHLQGKLSE LQVEQTSLEP LQESPRPTGV WKSREVATEG IRGHRKMVLY TLRAPR.	
Solubility	
It is recommended to reconstitute the lyophilized NT-Pro-B-type Natriuretic Protein in sterile 18MΩ-cm H 2 O not less	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

NT-proBNP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P16860)