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

BNP Human, His

B-type Natriuretic Peptide Human Recombinant, His Tag
CYK0100

Product Overview

Name	BNP Human, His
Description	
B-type Natriuretic Peptide Human Recombinant, His Tag	
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, 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
BNP 1mg/ml is formulated with 1X PBS pH-7.4, 2mM DTT, 0.1mM PMSF, 1mM EDTA and 40% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by analysis by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MHPLGSPGSA SDLETSGLQE QRNHLQGKLSELQVEQTSLE PLQESPRPTG VWKSREVATE GIRGHRKMVL YTLRAPRSPK MVQGSGCFGR KMDRISSSSG LGCKVLRRH.	
Precautions	
BNP Human, His is for research use only and not for use in diagnostic or therapeutic procedures.	

Target Information: (P16860)

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