

AR31130PU-N**Human Natriuretic peptides B (1-32)**

Alternate names:	BNP, Brain natriuretic peptide, Gamma-brain natriuretic peptide, NPPB, proBNP
Quantity:	0.5 mg
Background:	Endogenous peptide secreted from cardiac ventricles in response to volume increase and pressure overload that acts as an agonist at atrial natriuretic peptide (ANP) receptor A (NRP1). Decreases <i>de novo</i> collagen synthesis and increases MMP gene expression <i>in vitro</i> . Exhibits natriuretic, vasodilatory and lusitropic activity and inhibits the sympathetic and renin-angiotensin-aldosterone systems <i>in vivo</i> .
Uniprot ID:	P16860
NCBI:	NP_002512.1
GenelD:	4879
Species:	Human
Format:	State: Purified peptide Purity: >95% by HPLC
Description:	Human Brain natriuretic peptide (1-32). Formula: C ₁₄₃ H ₂₂₄ N ₅₀ O ₄₂ S ₄ AA Sequence: NH ₂ -SPKMQGSGCFGRKMDRISSSSGLGCKVLRH-OH Molecular weight: 3466.06 Da
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.