Recombinant Human NPPB protein, His & GST-tagged

Cat. No. NPPB-893H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NPPB fused with His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
Description	This gene is a member of the natriuretic peptide family and encodes a secreted protein which functions as a cardiac hormone. The protein undergoes two cleavage events, one within the cell and a second after secretion into the blood. The protein's biological actions include natriuresis, diuresis, vasorelaxation, inhibition of renin and aldosterone secretion, and a key role in cardiovascular homeostasis. A high concentration of this protein in the bloodstream is indicative of heart failure. The protein also acts as an antimicrobial peptide with antibacterial and antifungal activity. Mutations in this gene have been associated with postmenopausal osteoporosis.
Purity	≥ 85% (SDS-PAGE)
Applications	ELISA
Storage	Aliquot and store at -20 or -80 ℃. Avoid repeated freeze/thaw cycles
Storage buffer	1×PBS Buffer, Sarkosyl (0.15% m/v)

GENE INFORMATION

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Gene Name	NPPB natriuretic peptide B [Homo sapiens (human)]
Official Symbol	NPPB
Synonyms	BNP; brain type natriuretic peptide; gamma-brain natriuretic peptide; natriuretic peptide precursor B; natriuretic protein
Gene ID	4879
mRNA Refseq	NM_002521.2
Protein Refseq	NP_002512.1
UniProt ID	P16860

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