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Datasheet for ABIN7319519 NPPB Protein (His tag)

Overview

Quantity:	50 µg
Target:	NPPB
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPPB protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Natriuretic Peptides B/NPPB Protein (His Tag)
Sequence:	His27-His134
Characteristics:	Recombinant Human NPPB is produced by our E.coli expression system and the target gene encoding His27-His134 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	NPPB
Alternative Name:	Natriuretic Peptides B/NPPB (NPPB Products)
Background:	Background: Human Natriuretic peptides B acts as a cardiac hormone, it is associated with many biological actions, such as diuresis, natriuresis, vasorelaxation, which inhibits the secretion of rennin and aldosterone. It acts as a paracrine antifibrotic factor in the heart.

Target Details

Natriuretic peptides B can help restore the body balance of salt and water, improves the heart function. Natriuretic peptides B binds and stimulates the cGMP production of the NPR1 receptor and binds the clearance receptor NPR3.

Synonym: Natriuretic Peptides B, Gamma-Brain Natriuretic Peptide, NPPB

Molecular Weight: 14.2 kDa

UniProt: [P16860](#)

Pathways: [Hormone Activity](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 1 mM EDTA, 1 mM DTT, 20 % Glycerol, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.