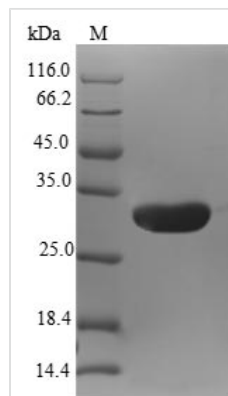




Recombinant Human natriuretic peptide B (NPPB), partial

Product Code	CSB-EP016021HU(A5)
Relevance	Cardiac hormone which may function as a paracrine antifibrotic factor in the heart. Also plays a key role in cardiovascular homeostasis through natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. Specifically binds and stimulates the cGMP production of the NPR1 receptor. Binds the clearance receptor NPR3.
Abbreviation	Recombinant Human NPPB protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P16860
Alias	Gamma-brain natriuretic peptide
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	DLETSGQLQEQRNHLQGKLSELQVEQTSLEPLQESP
Research Area	Signal Transduction
Source	E.coli
Target Names	NPPB
Expression Region	37-71aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	31.0kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Discover the benefits of our premium Recombinant Human NPPB protein, an essential tool for researchers studying signal transduction. Natriuretic peptides B is expressed in *E. coli* and features a partial protein sequence (37-71aa) to provide robust results across a range of research applications.

Equipped with an N-terminal GST-tag, this Recombinant Human NPPB protein offers straightforward purification and detection for streamlined experimental workflows. With a purity greater than 90% as determined by SDS-PAGE, you can trust in the quality of this protein for all your signal transduction research needs. Available in both liquid and lyophilized powder forms, our Recombinant Human NPPB protein provides flexibility and adaptability for your specific research requirements.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.