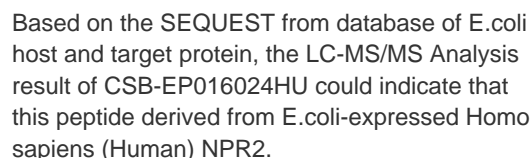
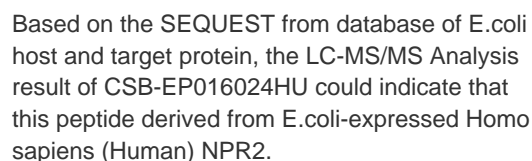
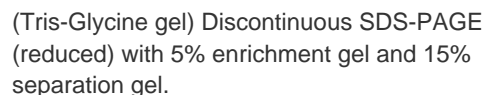




# Recombinant Human Atrial natriuretic peptide receptor 2 (NPR2), partial

<b>Product Code</b>	CSB-EP016024HU
<b>Relevance</b>	Receptor for the C-type natriuretic peptide NPPC/CNP hormone. Has guanylate cyclase activity upon binding of its ligand. May play a role in the regulation of skeletal growth.
<b>Abbreviation</b>	Recombinant Human NPR2 protein, partial
<b>Storage</b>	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.
<b>Uniprot No.</b>	P20594
<b>Alias</b>	Atrial natriuretic peptide receptor type B ;ANP-B ;ANPR-B ;NPR-BGuanylate cyclase B ;GC-B
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	RNLT LAVVLPEHNLSYAWAWPRVGPAVALAVEALGRALPVDLRFVSSELEGA CSEYLAPLSAVDLKLYHDPDLLLGPGCVYPAASVARFASHWRLPLLTAGAVAS GFS AKNDHYRTLVRTGPSAPKLGEFVVTLHGHNWTARAALLYLDARTDDRP HYFTIEGVFEALQGSNLSVQH QVYAREPGGPEQATHFIRANGRIVYICGPLEML HEILLQAQRENLTNGDYVFFYLDVFGESLRAGPTRATGRP WQDNRTREQAQA LREAFQTVLVITYREPPNPEYQEFQNRLLIRAREDFGVELGPSLMNLIAGCFYD GILLYAEVLNETIQEGGTREDGLRIVEKMQGRRYHGV TGLVVM DKNNDRETDF VLWAMGDLDSGDFQPAAHYSGAEKQIWWTGRPIPWVKGAPP SDNPPCAFDL DDPSCDKTPLSTLAI
<b>Research Area</b>	Cardiovascular
<b>Source</b>	E.coli
<b>Target Names</b>	NPR2
<b>Expression Region</b>	23-458aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	64.5kDa
<b>Protein Length</b>	Extracellular Domain
<b>Image</b>	



The recombinant Human NPR2 was expressed with the amino acid range of 23-458. This NPR2 protein is theoretically predicted to have a molecular weight of 64.5 kDa. The NPR2 protein was expressed in e.coli. The NPR2 coding gene included the N-terminal 6xHis-SUMO tag, which simplifies the detection and purification processes of the recombinant NPR2 protein in following stages of expression and purification.

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.

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