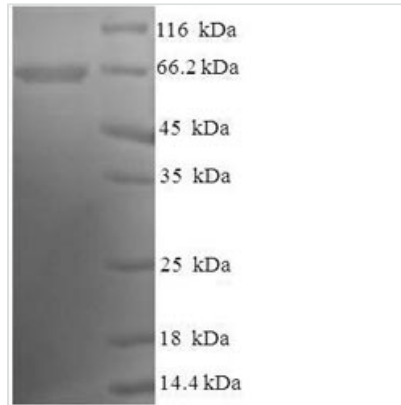


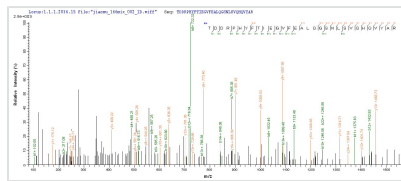


Recombinant Human Atrial natriuretic peptide receptor 2(NPR2),partial

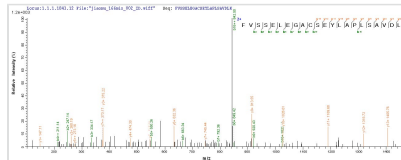
| | |
|----------------------------|--|
| Product Code | CSB-EP016024HU |
| Relevance | Receptor for the C-type natriuretic peptide NPPC/CNP hormone. Has guanylate cyclase activity upon binding of its ligand. May play a role in the regulation of skeletal growth. |
| Storage | The shelf life is related 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. | P20594 |
| Storage Buffer | Tris-based buffer,50% glycerol |
| Alias | Atrial natriuretic peptide receptor type B ;ANP-B ;ANPR-B ;NPR-BGuanylate cyclase B ;GC-B |
| Product Type | Recombinant Protein |
| Species | Homo sapiens (Human) |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Sequence | RNLTLAVVLPEHNLSYAWAWPRVGPVALAVEALGRALPVDLRFVSSELEGA CSEYLAPLSAVDLKLYHDPDLLLGGPCVYPAASVARFASHWRLPLLTAGAVAS GFSAKNDHYRTLVRTGPSAPKLGEFVVTLHGHNWTARAALLYLDARTDDRP HYFTIEGVFEALQGSNLSVQHQVYAREPGGPEQATHFIRANGRIVYICGPLEML HEILLQAQRENLTNGDYVFFYLDVFGESLRAGPTRATGRPWQDNRTREQAQA LREAFQTVLVITYREPPNPEYQEFQNRLLIRAREDFGVELGPSLMNLIAGCFYD GILLYAEVLNETIQEGGTREDGLRIVEKMQGRRYHGVGTGLVVMKNDRETD VLWAMGDLDSGDFQPAAHYSGAEKQIWWTGRPIPWVKGAPPSDNPPCAFDL DDPSCDKTPLSTLAI |
| Lead Time | 3-7 business days |
| Research Area | Cardiovascular |
| Source | E.coli |
| Gene Names | NPR2 |
| Expression Region | 23-458aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 6xHis-SUMO-tagged |
| Mol. Weight | 64.5kDa |
| Protein Description | Extracellular Domain |
| Image | |



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP016024HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) NPR2.



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