

## Recombinant Human NPR3(Thr24-Glu481) Protein, C-Fc-tagged

**Cat. No.** NPR3-151H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NPR3(P17342)(Thr24-Glu481) Protein, fused with a Fc tag at the C-terminus, was produced in HEK293.                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 24-481 a.a.                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | The recombinant Human NPR3 Protein has a predicted molecular mass of 77.5kDa, it migrates with an apparent molecular mass of 90-100kDa under reducing conditions.                                                                               |
| <b>AA Sequence</b>      | Thr24-Glu481                                                                                                                                                                                                                                    |
| <b>Endotoxin</b>        | < 0.01 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                                |
| <b>Purity</b>           | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                                                            |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                                                                                                       |
| <b>Shipping</b>         | <p>In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.</p> <p>Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.</p>                                                                                              |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Gene Name</b>        | NPR3 natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C) [ Homo sapiens ]                                                                                                                                                                                                                                                       |
| <b>Official Symbol</b>  | NPR3                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>         | NPR3; natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C); ANPRC, C5orf23, chromosome 5 open reading frame 23 , NPRC; atrial natriuretic peptide receptor 3; FLJ14054; GUCY2B; atrial natriuretic peptide receptor type C; atrial natriuretic peptide clearance receptor; NPRC; ANP-C; ANPRC; NPR-C; ANPR-C; C5orf23; MGC22189; |
| <b>Gene ID</b>          | 4883                                                                                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>      | NM_000908                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>   | NP_000899                                                                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>              | 108962                                                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>       | P17342                                                                                                                                                                                                                                                                                                                                                               |

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