

## Recombinant Human PPIC Protein (Pro5-Val201), N-GST tagged

**Cat. No.** PPIC-5449H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human PPIC (Pro5-Val201) fused with the N-GST tag was expressed in E. coli.                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Pro5-Val201                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. Similar to other PPIases, this protein can bind immunosuppressant cyclosporin A. |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 47.97 kDa                                                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE                                                                                                                                                                                                                                                                                                |
| <b>Notes</b>            | For research use only.                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the                                                                                                                                                          |

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|                       |                                                                                |
|-----------------------|--------------------------------------------------------------------------------|
|                       | date of receipt.                                                               |
| <b>Storage Buffer</b> | 0.01M PBS, pH 7.4, 0.02 % NLS                                                  |
| <b>Reconstitution</b> | Reconstitute in sterile water for a stock solution.                            |
| <b>Shipping</b>       | They are shipped out with dry ice/blue ice unless customers require otherwise. |

## GENE INFORMATION

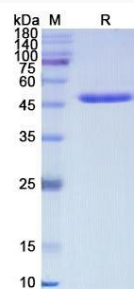
|                        |                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PPIC peptidylprolyl isomerase C [ Homo sapiens (human) ]                                                                                 |
| <b>Official Symbol</b> | PPIC                                                                                                                                     |
| <b>Synonyms</b>        | PPIC; peptidylprolyl isomerase C; CYPC; peptidyl-prolyl cis-trans isomerase C; PPIase C; cyclophilin C; parvulin; rotamase C; EC 5.2.1.8 |
| <b>Gene ID</b>         | 5480                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_000943                                                                                                                                |
| <b>Protein Refseq</b>  | NP_000934                                                                                                                                |
| <b>MIM</b>             | 123842                                                                                                                                   |
| <b>UniProt ID</b>      | P45877                                                                                                                                   |

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## SDS-PAGE



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