

## Recombinant Rat Gpi protein, His&Myc-tagged

**Cat. No.** Gpi-6874R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Gpi protein(Q6P6V0)(2-558aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                                                                                                                                      |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 2-558aa                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                |
| <b>Molecular Mass</b>   | 70.1 kDa                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                    |
| <b>Reconstitution</b>   | 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. |

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**AA Sequence**

AALTRNPEFQKLEWHRANSANLKLRELFEADPERFNHFSNLNLTNHGHILLDYSKN  
 LVNKEVLHMLVDLAKSRGVEAARDNMFSGLKINSTEDRAVLHVALRNRSNRSIMMD  
 GKDVMPEVNKVLDKMKSFQVRVSGDWKGYTGKAITDIINIGIGGSDLGPLMVTEAL  
 KPYSKGGPRVWFVSNIDGTHIAKTLANLNPESSLFIIASKTFTTQETITNAETAKEWFL  
 QAAKDPSAVAKHFVALSTNTDKVKEFGIDPKNMFEFWDWVGGRYSLWSAIGLSIAL  
 HVGFDHFEQLLSGAHWMDQHFMKTPLDKNAPVLLALLGIWYINFYGCETHAMLPYD  
 QYMRFAAYFQQGDMESNGKYITKSGARVDYQTGPIVWGEPGTNGQHAFYQLIHQ  
 GTKMIPCDFLIPVQTQHPIRNLHKKILLANFLAQTEALMKGKSPPEARKELQAAGKS  
 PEELEKLLPHKVFEGNRPTNSIVFTKLTPFILGALIAMEYHKIFVQGIWDINSFDQWGV  
 ELGKQLAKKIEPELDGSSAVTSHDSSTNGLIGFIKLQRDTKID

**GENE INFORMATION**

**Gene Name** [Gpi glucose-6-phosphate isomerase \[ Rattus norvegicus \]](#)

**Official Symbol** [Gpi](#)

**Synonyms** GPI; glucose-6-phosphate isomerase; NLK; PGI; PHI; neuroleukin; phosphohexose isomerase; phosphoglucose isomerase; autocrine motility factor; glucose phosphate isomerase; Amf; Gpi1;

**Gene ID** [292804](#)

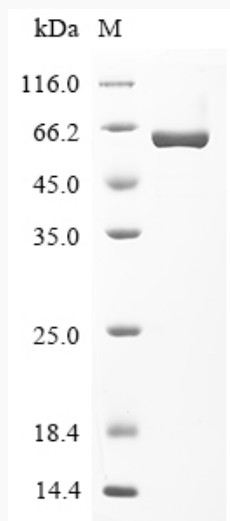
**mRNA Refseq** [NM\\_207592](#)

**Protein Refseq** [NP\\_997475](#)

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**SDS-PAGE**

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