

## Recombinant Mouse Pdk3 protein, His-tagged

**Cat. No.** Pdk3-4732M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Pdk3 protein(Q922H2)(131-362aa), fused to N-terminal His tag, was expressed in E. coli                                                                                                                                                      |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 131-362aa                                                                                                                                                                                                                                                     |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>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>   | 30.3 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>   | 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%. |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                                      |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Pdk3 pyruvate dehydrogenase kinase, isoenzyme 3 [ Mus musculus ]                                                                                                                                                                     |
| Official Symbol | Pdk3                                                                                                                                                                                                                                 |
| Synonyms        | PDK3; pyruvate dehydrogenase kinase, isoenzyme 3; pyruvate dehydrogenase kinase, isozyme 3; pyruvate dehydrogenase kinase 3; [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 3, mitochondrial; AI035637; MGC6383; 2610001M10Rik; |
| Gene ID         | 236900                                                                                                                                                                                                                               |
| mRNA Refseq     | NM_145630                                                                                                                                                                                                                            |
| Protein Refseq  | NP_663605                                                                                                                                                                                                                            |

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