

## Recombinant Guinea pig HPGD protein, Avi-tagged, Biotinylated

**Cat. No.** HPGD-4942G    **Lot. No.** (See product label)

### SPECIFICATION

|                          |                                                                                                                                                                                                                                                                                                                   |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Biotinylated Recombinant Guinea pig HPGD protein(P70684)(1-265 aa), fused with Avi tag, was expressed in E.coli.                                                                                                                                                                                                  |
| <b>Species</b>           | Guinea pig                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>     | 1-265 aa                                                                                                                                                                                                                                                                                                          |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>              | Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                                                                                                                              |
| <b>AASquence</b>         | MHVNGKVALV TGAAQGIGRA FAEGLLHKGA KVALVDWNLE AGVKCKAALD<br>EEFEPQKTLF IQCDVADQEQ LRDTFTKVVD YFGRDLILVN NAGVNNEKNW<br>EKTLQINLVS VISGTYLGLD YMSKQHGEGE GVIINMSSLA GLMPVAQQPV<br>YCASKHGIIG FTRSAAMARK LMNSGVRMNA ICPGFVNTSI LQSIEKEENM<br>GPYIEYTGHI KDMMKCYGIL DPEMIANGLI TLIEDDDLNG AIMKITTSG<br>IHFQDYDTAP SYAKD |
| <b>Purity</b>            | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>           | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                    |

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| <b>Reconstitution</b> | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C. |
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| <b>Conjugation</b> | Biotin |
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## GENE INFORMATION

|                  |                                                                             |
|------------------|-----------------------------------------------------------------------------|
| <b>Gene Name</b> | Hpgd hydroxyprostaglandin dehydrogenase 15 (NAD) [ <i>Cavia porcellus</i> ] |
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| <b>Official Symbol</b> | HPGD |
|------------------------|------|

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| <b>Synonyms</b> | HPGD; hydroxyprostaglandin dehydrogenase 15 (NAD); 15-hydroxyprostaglandin dehydrogenase [NAD(+)]; 15-PGDH; prostaglandin dehydrogenase 1; 15-hydroxyprostaglandin dehydrogenase (NAD+); PGDH; PGDH1; |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                |           |
|----------------|-----------|
| <b>Gene ID</b> | 100135538 |
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| <b>mRNA Refseq</b> | NM_001172961 |
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| <b>Protein Refseq</b> | NP_001166432 |
|-----------------------|--------------|

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