

# Recombinant Mouse Hpgd protein (His Tag)

Catalog Number:PDEM100023



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

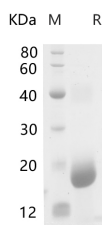
## Description

<b>Synonyms</b>	15 hydroxyprostaglandin dehydrogenase [NAD+];15 PGDH;15-hydroxyprostaglandin dehydrogenase [NAD+];15-PGDH;15PGDH;Hpgd;Hydroxyprostaglandin dehydrogenase 15 (NAD);NAD+ dependent 15 hydroxyprostaglandin dehydrogenase;OTTHUMP00000218960;OTTHUMP00000219016;OTTHUMP00000219018;PGDH;PGDH;PGDH 1;PHOAR1;Prostaglandin dehydrogenase 1;SDR36C1;Short chain dehydrogenase/reductase family 36C member 1
<b>Species</b>	Mouse
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Gly42-Met213
<b>Accession</b>	Q8VCC1
<b>Calculated Molecular Weight</b>	20.3 kDa
<b>Observed molecular weight</b>	17-20 kDa
<b>Tag</b>	N-His & C-His
<b>Bioactivity</b>	Immunogen(D-AB-10339L)

## Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 90 % as determined by reducing SDS-PAGE.

## Background

Prostaglandin inactivation. Contributes to the regulation of events that are under the control of prostaglandin levels.

## For Research Use Only

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Catalyzes the NAD-dependent dehydrogenation of lipoxin A4 to form 15-oxo-lipoxin A4.

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