

Recombinant Mouse Hpgd protein (His Tag)

Catalog No. PKSM500003

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

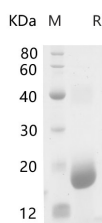
Description

Synonyms	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
Species	Mouse
Expression Host	E.coli
Sequence	Gly42-Met213
Accession	Q8VCC1
Calculated Molecular Weight	20.3 kDa
Observed molecular weight	17-20 kDa
Tag	N-His & C-His
Bioactivity	Immunogen(E-AB-40343)

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	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.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

For Research Use Only

Background

Prostaglandin inactivation. Contributes to the regulation of events that are under the control of prostaglandin levels. Catalyzes the NAD-dependent dehydrogenation of lipoxin A4 to form 15-oxo-lipoxin A4.