

Product datasheet for **TP503530**

Hpgd (NM_008278) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse hydroxyprostaglandin dehydrogenase 15 (NAD) (Hpgd), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR203530 protein sequence
Red=Cloning site **Green**=Tags(s)

MHVNGKVALVTGAAQIGKAFEAALLHGAKVALVDWNLEAGVKCKAALDEQFEPQKTLFVQCDVADQKQ
LRDTRKVVDFHGRDLVNNAGVNEKNWEQTLQINLVSVISGTYLGLDYMSKQNGGEGGIIINMSSLA
GLMPVAQQPVYCAKSHGIIGFTRSAAMAANLMKSGVRLNVICPGFVDTPILESIEKEENMGQYIEYKDQI
KAMMKFYGVLPSTIANGLINLIEDDALNGAIMKITASKGIHFQDYDISPLLVKAPLTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 29.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_032304](#)

Locus ID: 15446

UniProt ID: [Q8VCC1](#)

RefSeq Size: 1719



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Cytogenetics: 8 B2

RefSeq ORF: 810

Synonyms: 15-PGDH; AV026552

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]