

Product datasheet for **TP524503**

Pgd (NM_001081274) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse phosphogluconate dehydrogenase (Pgd), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA >MR224503 representing NM_001081274
Clone or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MAQADIALIGLAVMGQNLILNMNDHGFVWCAFNRTVSKVDDFLANEAKGTKVWGAQSLKDMVSKLKKPRR
VILLVKAGQAVDDFIEKLVPLDGTGDIIDGGNSEYRDTTRRCRDLKAKGILFVSGVSGGEEGARYGPS
LMPGGNKEAWPHIKAIFQAIKAVGTGEPCCDWVGDEGAGHFVKMVHNGIEYGDMQLICEAYHLMKDVLG
MRHEEMAQAFEWNKTELDSFLIEITANILKYRDTDGKELLPKIRDSAGQKGTGKWTASALEYGMPTL
IGEAVFARCLSSLKEERVQASQKLGPKVVQLEGSKKSFLEDIRKALYASKIISYAQGFMLLRQAATEFG
WTLNYGGIALMWRGGCIIRSVFLGKIKDAFERNPELQNLDDFFKSAVDNCQDSWRRVISTGVQAGIPM
PCFTTALSFYDGYRHEMLPANLIQAQRDYFGAHTYELLTKPGEFIHTNWTGHGGSVSSSSSYNA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 53.7 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_001074743](#)
Locus ID: 110208



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UniProt ID: [Q9DCD0](#)

RefSeq Size: 2224

Cytogenetics: 4 78.96 cM

RefSeq ORF: 1449

Synonyms: 0610042A05Rik; AU019875; C78335

Summary: Catalyzes the oxidative decarboxylation of 6-phosphogluconate to ribulose 5-phosphate and CO(2), with concomitant reduction of NADP to NADPH.[UniProtKB/Swiss-Prot Function]