

## Product datasheet for **TP519300**

### **Pdp1 (NM\_001033453) Mouse Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse pyruvate dehydrogenase phosphatase catalytic subunit 1 (Pdp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR219300 representing NM_001033453 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MPAPTQLFFPLVRNCELSRIYGTACYCHHKHLCCSPPIYQNRRLRYTPHPAYATFCRPRENWWQYTQGRR YASTPQKFYLTTPQVNSILKANEYSFKVPEFDGKNVSSILGFDSNQLPANAPIEDRRSAATCLQTRGMLL GVFDGHAGCACSQAVSERLFYIAVSLPHETLLEIENAVESGRALLPILQWHKHPNDYFSKEASKLYFN SLRTYWQELIDLNTGESADIDVKEALINAFKRLDNDISLEAQVGDPNFLNLYLVRVAFSGATACVAHVD GVDLHVANTGDSRAMLGVQEEDGWSAVTLSNDHNAQNERELERLKHHPKNEAKSVKQDRLLGLLMPF RAFGDVKFKWSIDLQKRVIESGPDQLNDNEYTKFIPPNYHTPPYLTAPEVTYHRLRPQDKFLVLATDGL WETMHRQDVVRIVGEYLTGMHHQQPIAVGGYKVTLQGMHGLLTERRAKMSSVFEDQNAATHLIRHAVGNN EFGAVDHERLSKMLSLPEELARMYRDDITIIVVQFNSHVVGAYQNQE  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	61.6 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001028625</a>



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**Locus ID:** 381511

**UniProt ID:** [Q3UV70](#), [A8Y5Q1](#)

**RefSeq Size:** 4198

**Cytogenetics:** 4 A1

**RefSeq ORF:** 1614

**Synonyms:** Gm1024; Ppm2c

**Summary:** Catalyzes the dephosphorylation and concomitant reactivation of the alpha subunit of the E1 component of the pyruvate dehydrogenase complex.[UniProtKB/Swiss-Prot Function]