

## Product datasheet for **TP309322L**

### **PDXDC1 (NM\_015027) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human pyridoxal-dependent decarboxylase domain containing 1 (PDXDC1), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC209322 representing NM_015027 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MDASLEKIADPTLAEMGKNLKEAVKMLEDSQRRTTEEENGKKLISGDIPGPLQSGQDMVSILQLVQNLMH  
GDEDEEPPSPRIQNIGEQQGHMALLGHSLGAYISTLDKEKLRKLTTRILSDTTLWLCRIFRYENGCAFYHE  
EEREGLAKICRLAIHSRYEDFVVDGFNVLYNKKPVIYLSAAARPGLGQYLCNQLGLPFPCLCRVPCNTVF  
GSQHQMDFVAFLEKLIKDDIERGRLPLLLVANAGTAAVGHHTDKIGRLKELCEQYGIWLHVEGVNLTALGL  
YVSSSVLAAAKCDSMTMTPGPWLGLPAVPAVTLYKHDDPALTLVAGLTSNKPTDKLRALPLWLSLQYLGL  
DGFVERIKHACQLSQRLQESLKEVNYIKILVEDELSSPVVFRFFQELPGSDPVFKAVPVPNMTPSGVGR  
ERHSCDALNRWLGEQLKQLVPASGLTVMDEAEGTCLRFSPMLTAAVLGTRGEDVDQLVACIESKLPVLC  
CTLQLREEFKQEVEATAGLLYVDDPNWSGIGVVRYEHANDDKSSLKSDPEGENIHAGLLKLLNELES  
DLTKFVIGPEYKSMKSCLYVGMASDNVDAAEVETIAATAREIEENSRLLENMTEVVRKGIQEAQVELQKASEE  
RLLEEGVLRQIPVVGSVLNFVSPVQALQKGRFNLTAGSLESTEPIYVYKAQGAGVTLPPTPSGSRTKQR  
LPGQKPFKRSRLRGSDALSETSSVSHIEDLEKVERLSSGPEQITLEASSTEGHPGAPSPQHTDQTEAFQKG  
VPHPEDDHSQVEGPESLR

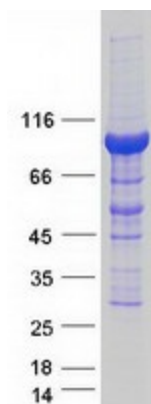
**SGP**TRTRRLEQKLISEEDLAANDILDYKDDDDKV

<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	86.5 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>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<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.
<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_055842</a>
<b>Locus ID:</b>	23042
<b>UniProt ID:</b>	<a href="#">Q6P996</a> , <a href="#">Q6XYB5</a>
<b>RefSeq Size:</b>	4512
<b>Cytogenetics:</b>	16p13.11
<b>RefSeq ORF:</b>	2364
<b>Synonyms:</b>	LP8165

**Product images:**

Coomassie blue staining of purified PDXDC1 protein (Cat# [TP309322]). The protein was produced from HEK293T cells transfected with PDXDC1 cDNA clone (Cat# [RC209322]) using MegaTran 2.0 (Cat# [TT210002]).