Recombinant Human PDXDC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PDXDC1-4959H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PDXDC1 MS Standard C13 and N15-labeled recombinant protein (NP_055842) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	PDXDC1 (Pyridoxal Dependent Decarboxylase Domain Containing 1) is a Protein Coding gene. Diseases associated with PDXDC1 include Autosomal Recessive Nonsyndromic Deafness 32 and Fetal Akinesia Deformation Sequence 1. Gene Ontology (GO) annotations related to this gene include pyridoxal phosphate binding and carboxy-lyase activity. An important paralog of this gene is HDC.
Molecular Mass	86.5 kDa
AA Sequence	MDASLEKIADPTLAEMGKNLKEAVKMLEDSQRRTEEENGKKLISGDIPGPLQGSGQ DMVSILQLVQNLMHGDEDEEPQSPRIQNIGEQGHMALLGHSLGAYISTLDKEKLRKL TTRILSDTTLWLCRIFRYENGCAYFHEEEREGLAKICRLAIHSRYEDFVVDGFNVLYN KKPVIYLSAAARPGLGQYLCNQLGLPFPCLCRVPCNTVFGSQHQMDVAFLEKLIKDD IERGRLPLLLVANAGTAAVGHTDKIGRLKELCEQYGIWLHVEGVNLATLALGYVSSSV LAAAKCDSMTMTPGPWLGLPAVPAVTLYKHDDPALTLVAGLTSNKPTDKLRALPLW LSLQYLGLDGFVERIKHACQLSQRLQESLKEVNYIKILVEDELSSPVVVFRFFQELPG SDPVFKAVPVPNMTPSGVGRERHSCDALNRWLGEQLKQLVPASGLTVMDLEAEGT

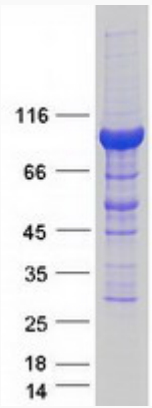
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	CLRFSPLMTAAVLGTRGEDVDQLVACIESKLPVLCCTLQLREEFKQEVEATAGLLYV DDPNWSGIGVVRYEHANDDKSSLKSDPEGENIHAGLLKKLNELESDLTFKIGPEYKS MKSCLYVGMASDNVDAAELVETIAATAREIEENSRLLENMTEVVRKGIQEAQVELQK ASEERLLEEGVLRQIPVVGSVLNWFSPVQALQKGRTFNLTAGSLESTEPIYVYKAQG AGVTLPPTPSGSRTKQRLPGQKPFKRSLRGSDALSETSSVSHIEDLEKVERLSSGPE QITLEASSTEGHPGAPSPQHTDQTEAFQKGVPHPEDDHSQVEGPESLRSGPTRTR RLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PDXDC1 pyridoxal-dependent decarboxylase domain containing 1 [Homo sapiens (human)]
Official Symbol	PDXDC1
Synonyms	PDXDC1; pyridoxal-dependent decarboxylase domain containing 1; pyridoxal-dependent decarboxylase domain-containing protein 1; KIAA0251; LP8165;
Gene ID	23042

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mRNA Refseq	NM_015027
Protein Refseq	NP_055842
MIM	614244
UniProt ID	Q6P996
SDS-PAGE	

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