

Recombinant Human PDP2 Protein (67-529 aa), His-tagged

Cat. No. PDP2-1128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDP2 Protein (67-529 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	67-529 aa
Description	Catalyzes the dephosphorylation and concomitant reactivation of the alpha subunit of the E1 component of the pyruvate dehydrogenase complex.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	56.4 kDa
AA Sequence	STEEDDFHLQLSPEQINEVLRAGETTHKILDLESRVPSVLRFESNQLAANSPVEDR RGVASCLQTNGLMFGIFDGHGGHACAQAVSERLFYYVAVSLMSHQTLHEMEGAME SMKPLLPIHLWLKHPGDSIYKDVTSVHLDHLRVYWQELLDLHMEMGLSIEEALMYSF QRLDSDISLEIQAPLEDEVTRNLSLQVAFSGATACMAHVDGIHLHVANAGDCRAILGV QEDNGMWSCPLPTRDHNAWNQAELSRLKREHPESEDRTIIMEDRLLGVLPICRAFG DVQLKWSKELQRSILERGFNTEALNIYQFTPPHYTTPPYLTAEPEVTYHRLRPQDKF LVLASDGLWDMLSNEDEVRLVVGHLAEADWHKTDLAQRPANLGLMQSLLLQRKAS GLHEADQNAATRLIRHAIGNNEYGEMEAERLAAMLTPEDLARMYRDDITVTVVYFN

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	SESIGAYYKGG
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

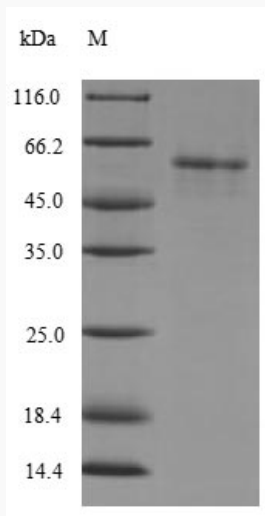
GENE INFORMATION

Gene Name	PDP2 pyruvate dehydrogenase phosphatase catalytic subunit 2 [Homo sapiens]
Official Symbol	PDP2
Synonyms	PDP2; KIAA1348; PPM2C2; PDPC 2;
Gene ID	57546
mRNA Refseq	NM_020786
Protein Refseq	NP_065837
UniProt ID	Q9P2J9

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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