

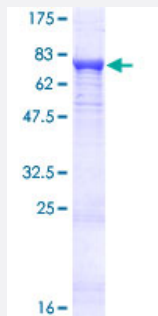
Full-Length

## PDP2 (Human) Recombinant Protein (P01)

Catalog # H00057546-P01

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human PDP2 full-length ORF ( NP\_065837.1, 1 a.a. - 529 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MSSTVSYWILNSTRNSIATLQGGRRLYSRYVSNRNKLKWRLFSRVPPTLNSSPCGGFTLCKAYRHT  
STEEDDFHLQLSPEQINEVLRAGETTHKILDLESVPNSVLRFESNQLAANSPVEDRRGVASCLQ  
TNGLMFGIFDGHGGHACAQAVSERLFYVAVSLMSHQTLHEGAMESMKPLLPIHLWLKHPGD  
SIYKDVTSVHLDHLRVYWQELLDLHMEMGLSIEEALMYSFQRLDSDISLEIQAPLEDEVTRNLSLQV  
AFSGATACMAHVDGIHLHVANAGDCRAILGVQEDNGMWSCPLPTRDHNAWNQAELSRLKREHP  
ESEDRTIIMEDRLLGVLIPCRAFGDVQLKWSKELQRSILERGFNTEALNIYQFTPPHYTTPPYLTAEP  
EVTYHRLRPQDKFLVLASDGLWDMLSNEDVVRLVVGHAEADWHKTDLAQRPANLGLMQSLLL  
QRKASGLHEADQNAATRLIRHAIGNNEYGEMEAERLAAMLTPEDLARMYRDDITVTVVYFNSESI  
GAYYKGG

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

86.4

#### Interspecies Antigen Sequence

Mouse (84); Rat (83)

#### Preparation Method

[in vitro wheat germ expression system](#)

#### Purification

Glutathione Sepharose 4 Fast Flow

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Quality Control Testing | 12.5% SDS-PAGE Stained with Coomassie Blue.                              |
| Storage Buffer          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Storage Instruction     | Store at -80°C. Aliquot to avoid repeated freezing and thawing.          |
| Note                    | Best use within three months from the date of receipt of this protein.   |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — PDP2

|                     |                                                                            |
|---------------------|----------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">57546</a>                                                      |
| GeneBank Accession# | <a href="#">NM_020786.1</a>                                                |
| Protein Accession#  | <a href="#">NP_065837.1</a>                                                |
| Gene Name           | PDP2                                                                       |
| Gene Alias          | KIAA1348                                                                   |
| Gene Description    | pyruvate dehydrogenase phosphatase isoenzyme 2                             |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                  |
| Gene Summary        | catalytic subunit 2                                                        |
| Other Designations  | OTTHUMP00000174806 pyruvate dehydrogenase phosphatase, catalytic subunit 2 |

## Disease

- [Arrhythmogenic Right Ventricular Dysplasia](#)

- [Genetic Predisposition to Disease](#)