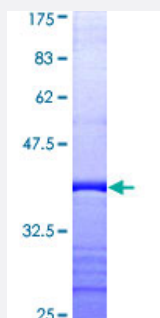


# PDCD6IP (Human) Recombinant Protein (Q01)

Catalog # H00010015-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human PDCD6IP partial ORF ( AAH20066, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MATFISVQLKKTSEVDLAKPLVKFIQQTYPSSGEEQAQYCRAAEELSKLRRAAVGRPLDKHEGAL ETLLRYYDQICSIEPKFPFSENQICLTFTWKDAFDKGSFSGSVK
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	37.73
<b>Interspecies Antigen Sequence</b>	Mouse (96); Rat (96)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — PDCD6IP

Entrez GeneID [10015](#)

GeneBank Accession# [BC020066](#)

Protein Accession# [AAH20066](#)

Gene Name PDCD6IP

Gene Alias AIP1, Alix, DRIP4, HP95, MGC17003

Gene Description programmed cell death 6 interacting protein

Omim ID [608074](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a protein thought to participate in programmed cell death. Studies using mouse cells have shown that overexpression of this protein can block apoptosis. In addition, the product of this gene binds to the product of the PDCD6 gene, a protein required for apoptosis, in a calcium-dependent manner. This gene product also binds to endophilins, proteins that regulate membrane shape during endocytosis. Overexpression of this gene product and endophilins results in cytoplasmic vacuolization, which may be partly responsible for the protection against cell death. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** ALG-2 interacting protein 1|ALG-2 interacting protein X|apoptosis-linked gene 2-interacting protein X|dopamine receptor interacting protein 4|programmed cell death 6-interacting protein

## Pathway

- [Endocytosis](#)

## Disease

- [Tobacco Use Disorder](#)