

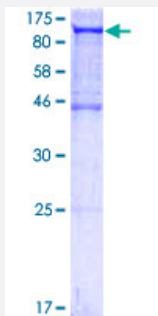
Full-Length

PDCD6IP (Human) Recombinant Protein (P01)

Catalog # H00010015-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PDCD6IP full-length ORF (AAH20066, 1 a.a. - 868 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MATFISVQLKKTSEVDLAKPLVKFIQQTYPSSGEEQAQYCRAAEELSKLRRAAVGRPLDKHEGAL
ETLLRYDQICSIEPKFPFSENQICLTFTWKDAFDKGSFSGSVKLALASLGYEKSCVLFNCAALA
SQIAAEQNLDNDEGLKIAAKHYQFASGAFLHIKETVLSALSREPTVDISPDTVGTLSLIMLAQAQEV
FFLKATRDKMKDAAIAKLANQAADYFGDAFKQCQYKDTLPKEVFPVLAAKHCIMQANAHEYQSILA
KQKKKFGEIARLQHAAELIKTVASRYDEVNVKDFSDKINRALAAAKKDNDFYHDRVDPDLKDLD
PIGKATLVKSTPVNVPISQKFTDLFEKMVPVSVQQSLAAYNQRKADLVNRSIAQMREATTLANGVL
ASLNLPAAIEDVSGDTPVQSILTKSRSVIEQGGIQTVDQLIKELPELLQRNREILDESLRLDDEEAT
DNDLRAKFKERWQRTPSNELYKPLRAEGTNFRTVLDAVQADGQVKECYQSHRDTVLLCKPEP
ELNAAIPSANPAKTMQGSEVVNVLKSLLSNLDEVKKEREGLNDLKSVMFDMTSKFLTALAQDG
VINEEALSVTELDREVYGGTTLTKVQESLKKQEGLLKNIQVSHQEFSSKMKQSNNEANLREEVLKNLAT
AYDNFVELVANLKEGTFYNELTEILVRFQNKCSDMFARKTERDELLKDLQQSIAREPSAPSITP
AYQSSPAGGHAPTPTPAPRTMPPTKPQPPARPPPPVLPANRAPSATAPSPVGAGTAAPAPSQ
TPGSAPPPQAQGPYPYTPGYPGYCMPPMPMGYNPYAYGQYNMPYPPVYHQSPGQAPYGPQQ
PSYPFPQPPQSYYPQQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

121.11

Interspecies Antigen Sequence

Mouse (94); Rat (94)

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 — PDCD6IP

Entrez GeneID	10015
GeneBank Accession#	BC020066.1
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](#)