



# Recombinant Human PDCD6IP [His, GST] (DAGC350)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Glu174~Val383 with N-terminal His and GST Tag
<b>Species</b>	Human
<b>Purity</b>	> 95%
<b>Conjugate</b>	His, GST
<b>Applications</b>	Positive Control, Immunogen, SDS-PAGE, WB
<b>Molecular Weight</b>	53.8kDa
<b>Endotoxin</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Format</b>	Lyophilized
<b>Size</b>	10 µg, 50 µg, 200 µg, 1 mg, 5 mg
<b>Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Preservative</b>	Proclin300

## BACKGROUND

<b>Introduction</b>	Programmed cell death 6-interacting protein also known as ALIX is a protein that in humans is encoded by the PDCD6IP gene. 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
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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.

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**Keywords**

programmed cell death 6 interacting protein; PDCD6IP

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