

# Recombinant Human PDCD4 protein (His Tag)

Catalog Number:PDEH100038



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

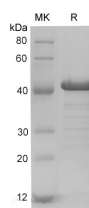
## Description

<b>Synonyms</b>	Death up-regulated gene protein;Dug;H731;Ma3;MGC33046;MGC33047;Neoplastic transformation inhibitor;Neoplastic transformation inhibitor protein;Nuclear antigen H731;Nuclear antigen H731 like;Nuclear antigen H731 like protein;Nuclear antigen H731-like;PDCD 4;Pdcd4;PDCD4;Programmed cell death 4;programmed cell death 4 (neoplastic transformation inhibitor);Programmed cell death protein 4;Protein 197/15a;Protein MA-3;Tis;Topoisomerase-inhibitor suppressed protein
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met1-Asn325
<b>Accession</b>	Q53EL6
<b>Calculated Molecular Weight</b>	36.9 kDa
<b>Observed molecular weight</b>	41-43 kDa
<b>Tag</b>	N-His
<b>Bioactivity</b>	Immunogen(D-AB-10319L)

## Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



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## Background

Inhibits translation initiation and cap-dependent translation. May exert its function by hindering the interaction between

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EIF4A1 and EIF4G. Inhibits the helicase activity of EIF4A. Modulates the activation of JUN kinase. Down-regulates the expression of MAP4K1, thus inhibiting events important in driving invasion, namely, MAPK85 activation and consequent JUN-dependent transcription. May play a role in apoptosis. Tumor suppressor. Inhibits tumor promoter-induced neoplastic transformation.

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