

Recombinant Human PDCD4 protein (His Tag)

Catalog Number:PKSH500006



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

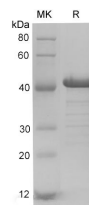
Description

Synonyms	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,Pcd4,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
Species	Human
Expression Host	E.coli
Sequence	Met1-Asn325
Accession	Q53EL6
Calculated Molecular Weight	36.9 kDa
Observed molecular weight	41-43 kDa
Tag	N-His
Bioactivity	Immunogen(E-AB-40340)

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	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.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

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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