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Datasheet for ABIN7505272
RBBP6 Protein (AA 1-313) (His tag)

Overview

Quantity:	100 µg
Target:	RBBP6
Protein Characteristics:	AA 1-313
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RBBP6 protein is labelled with His tag.

Product Details

Sequence:	Met 1-Lys 313
Characteristics:	A DNA sequence encoding the Human PACT protein (O75569) (Met 1-Lys 313) was expressed with a N-His&C-His tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	RBBP6
Alternative Name:	PACT (RBBP6 Products)
Background:	Abbreviation: PACT Target Synonym: Interferon-inducible double-stranded RNA-dependent protein kinase activator A,PRKRA,PKR-associated protein X Background: Activates EIF2AK2/PKR in the absence of double stranded RNA (dsRNA), leading

Target Details

to phosphorylation of EIF2S1/EIF2-alpha and inhibition of translation and induction of apoptosis. Required for siRNA production by DICER1 and for subsequent siRNA-mediated post-transcriptional gene silencing. Does not seem to be required for processing of pre-miRNA to miRNA by DICER1.

Molecular Weight: Calculated MW: 34.32 kDa
Observed MW: 38 kDa

UniProt: [O75569](#)

Pathways: [Regulatory RNA Pathways](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months