



Datasheet for ABIN2719477

## DICER1 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



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1 Image

1 Publication

### Overview

Quantity:	20 µg
Target:	DICER1
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DICER1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

### Product Details

- Characteristics:
- Recombinant human DICER1 (transcript variant 1) protein expressed in HEK293 cells.
  - Produced with end-sequenced ORF clone

Purity: > 80 % as determined by SDS-PAGE and Coomassie blue staining

### Target Details

Target: DICER1

Alternative Name: Dicer1 ([DICER1 Products](#))

Background: This gene encodes a protein possessing an RNA helicase motif containing a DEXH box in its amino terminus and an RNA motif in the carboxy terminus. The encoded protein functions as a ribonuclease and is required by the RNA interference and small temporal RNA (stRNA) pathways to produce the active small RNA component that represses gene expression.

## Target Details

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Alternative splicing results in multiple transcript variants.

Molecular Weight: 218.5 kDa

NCBI Accession: [NP\\_803187](#)

Pathways: [Regulatory RNA Pathways](#), [Stem Cell Maintenance](#), [Ribonucleoprotein Complex Subunit Organization](#)

## Application Details

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Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

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Concentration: 50 µg/mL

Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

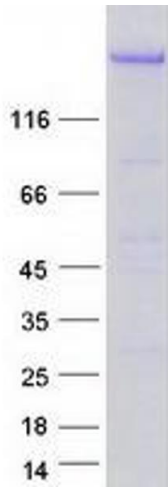
Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Publications

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Product cited in: Tarangelo, Lo, Teng, Kim, Le, Watson, Furth, Raman, Ehmer, Viatour: "Recruitment of Pontin/Reptin by E2f1 amplifies E2f transcriptional response during cancer progression." in: **Nature communications**, Vol. 6, pp. 10028, (2015) ([PubMed](#)).



### Western Blotting

**Image 1.** Validation with Western Blot