

## Product datasheet for **TP311804L**

### Dicer (DICER1) (NM\_030621) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens dicer 1, ribonuclease type III (DICER1), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T



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**Expression cDNA Clone** >RC211804 representing NM\_030621  
**or AA Sequence:** Red=Cloning site Green=Tags(s)

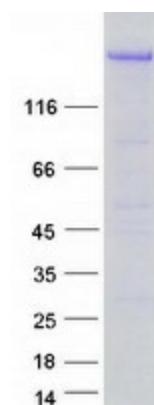
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MPGTTDTIQVLKGRMDSEQSPSIGYSSRTLGPNPGLILQALTLNASDGFNLERLEMLGDSFLKHAITY  
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KYDYHKEYFAVSPFLFHVIDDFVQFQLEKNEMQGMSELRRSEDEEKEEDIEVPKAMGDIFESLAGAIY  
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK  
**Predicted MW:** 218.5 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_085124</a>
<b>Locus ID:</b>	23405
<b>UniProt ID:</b>	<a href="#">Q9UPY3</a>
<b>RefSeq Size:</b>	10220
<b>Cytogenetics:</b>	14q32.13
<b>RefSeq ORF:</b>	5766
<b>Synonyms:</b>	DCR1; Dicer; Dicer1e; GLOW; HERNA; K12H4.8-LIKE; MNG1; RMSE2
<b>Summary:</b>	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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2010]
<b>Protein Families:</b>	Druggable Genome

### Product images:



Coomassie blue staining of purified DICER1 protein (Cat# [TP311804]). The protein was produced from HEK293T cells transfected with DICER1 cDNA clone (Cat# [RC211804]) using MegaTran 2.0 (Cat# [TT210002]).