

Product datasheet for **TP311804**

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, 20 µg

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)

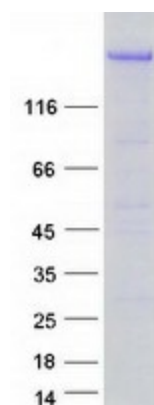
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IGHINRYCARLPSPFTHLAPKCRTRRELPGDTFYSTLYLPINSPLRASIVGPPMSCVRLAERVALICCE
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TNLNQPLLDVDHTSSRLNLLTPRHLNQGKALPLSSAEKRKAKWESLQNKQILVPELCAIHPIPASLWRK
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YCKHSTIVPENAAHQGANRTSSLENHDQMSVNCRTLLSESPGKLHVEVSADLTAINGLSYNQNLANGSYD
LANRDFCQGNQLNYYKQEIPVQPTTSYSIQNLYSYENQPQPSDECTLLSNKYLDGNANKSTSDGSPVMAV
MPGTTDTIQVLKGRMDSEQSPSIGYSSRTLGNPGLILQALTLNASDGFNLERLEMLGDSFLKHAITY
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EMTKDCMLANGKLEDEYEEDEEEESLMWRAPKEEADYEDDFLEYDQEHIRFIDNMLMGSGAFVKKISLS
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KQSISYDLHTEQCIADKSIADCVEALLGCYLTCGERAAQLFLCSLGLKVLPIKRTDREKALCPTRENF
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MDSGMSLETVWQVYYPMMRPLIEKFSANVPRSPVRELLEMEPETAKFSPAERTYDGVKRVTVVEVVGKGF
KGVGRSYRIAKSAAARRALRSLKANQPQVNS

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.

Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_085124
Locus ID:	23405
UniProt ID:	Q9UPY3
RefSeq Size:	10220
Cytogenetics:	14q32.13
RefSeq ORF:	5766
Synonyms:	DCR1; Dicer; Dicer1e; GLOW; HERNA; K12H4.8-LIKE; MNG1; RMSE2
Summary:	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]
Protein Families:	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]).