

Product datasheet for **TP303397M**

Lin28 (LIN28A) (NM_024674) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Homo sapiens lin-28 homolog (LIN28), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone >RC203397 protein sequence

or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MGSVSNQQFAGGCAKAAEEAPEEAPEDAARAADEPQLLHGAGICKWFNVRMGFGFLSMTARAGVALDPPV
DVFVHQSKLHMEGFRSLKEGEAVEFTFKKSAKGLSIRVTGPGGVFCIGSERRPKGKSMQKRRSKGDRCY
NCGGLDHHAKECKLPPQPKKCHFCQSISHMVASCPLKAQQGPSAQGKPTYFREEEEEIHSPDLLPEAQN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 22.6 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_078950](#)

Locus ID: 79727

UniProt ID: [Q9H9Z2](#)

RefSeq Size: 4014



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Cytogenetics: 1p36.11

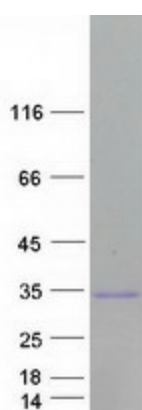
RefSeq ORF: 627

Synonyms: CSDD1; LIN-28; lin-28A; LIN28; ZCCHC1

Summary: This gene encodes a LIN-28 family RNA-binding protein that acts as a posttranscriptional regulator of genes involved in developmental timing and self-renewal in embryonic stem cells. The encoded protein functions through direct interaction with target mRNAs and by disrupting the maturation of certain miRNAs involved in embryonic development. This protein prevents the terminal processing of the LET7 family of microRNAs which are major regulators of cellular growth and differentiation. Aberrant expression of this gene is associated with cancer progression in multiple tissues. [provided by RefSeq, Sep 2015]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified LIN28A protein (Cat# [TP303397]). The protein was produced from HEK293T cells transfected with LIN28A cDNA clone (Cat# [RC203397]) using MegaTran 2.0 (Cat# [TT210002]).