

# Recombinant Full Length Human LIN28A Protein, Tag Free

**Cat. No.** LIN28A-1577H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LIN28A Protein (Full Length) without tag was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | 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. |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | ~24 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>           | ≥95% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Applications</b>     | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Short Term Storage: -80 centigrade                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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|                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Long Term Storage: -80 centigrade                                                                                                                                                                          |
| <b>Storage Buffer</b>   | In 20mM TRIS, pH 7.2, containing 200mM sodium chloride and 5mM dithiothreitol (DTT).                                                                                                                       |
| <b>Handling</b>         | After reconstitution, prepare aliquots and store at -80 centigrade. Avoid freeze/thaw cycles.                                                                                                              |
| <b>Shipping</b>         | Shipped on Dry Ice                                                                                                                                                                                         |
| <b>Full Length</b>      | Full L.                                                                                                                                                                                                    |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                            |
| <b>Gene Name</b>        | LIN28A lin-28 homolog A [ Homo sapiens (human) ]                                                                                                                                                           |
| <b>Official Symbol</b>  | LIN28A                                                                                                                                                                                                     |
| <b>Synonyms</b>         | LIN28A; lin-28 homolog A; CSDD1; LIN28; LIN-28; ZCCHC1; lin-28A; protein lin-28 homolog A; RNA-binding protein LIN-28; zinc finger CCHC domain-containing protein 1; zinc finger, CCHC domain containing 1 |
| <b>Gene ID</b>          | 79727                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>      | NM_024674                                                                                                                                                                                                  |
| <b>Protein Refseq</b>   | NP_078950                                                                                                                                                                                                  |
| <b>MIM</b>              | 611043                                                                                                                                                                                                     |
| <b>UniProt ID</b>       | Q9H9Z2                                                                                                                                                                                                     |

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