Recombinant Human LIN28A, His-tagged

Cat. No. LIN28A-8467H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIN28A, fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	Lin28 is a RNA-binding protein that belongs to a diverse family of structurally-related transcription factors.Lin28 is found abundantly in embryonic stem cells (ESCs). and to a lesser extent in placenta and testis. Lin28 has been shown to block let-7 microRNA processing and maturation. a necessary step in the differentiation of stem cells and certain cancer cell lines. Together with Sox2. Oct4. and Nanog. Lin28 can induce the reprogramming of primary human fibroblasts to a pluripotent state. Lin28 and other regulatory proteins can be introduced into cells by DNA transfection. viral infection. or microinjection. Protein transduction using TAT fusion proteins represents an alternative methodology for introducing proteins into primary as well as transformed cells.
Form	20 mM Tris-Cl, pH 7.9, 20% Glycerol. 100 mM KCl. 1 mM DTT and 0.2 mM EDTA
Molecular Mass	22.7 kDa
Endotoxin	Less than 1.0 EU/μg by LAL method
Purity	>95% as determined by SDS-PAGE

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Storage	-80 °C
Shipping	Dry Ice

GENE INFORMATION

Gene Name	LIN28A lin-28 homolog A (C. elegans) [Homo sapiens]
Official Symbol	LIN28A
Synonyms	LIN28A; lin-28 homolog A (C. elegans); lin 28 homolog (C. elegans) , LIN28; protein lin-28 homolog A; CSDD1; FLJ12457; LIN 28; ZCCHC1; RNA-binding protein LIN-28; zinc finger, CCHC domain containing 1; zinc finger CCHC domain-containing protein 1; LIN28; LIN-28; lin-28A;
Gene ID	79727
mRNA Refseq	NM_024674
Protein Refseq	NP_078950
MIM	611043
UniProt ID	Q9H9Z2
Chromosome Location	1p35.3
Function	DNA binding; RNA binding; mRNA binding; metal ion binding; miRNA binding; protein binding; translation initiation factor binding; zinc ion binding;

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