

Recombinant Human Lin-28 Homolog B (*C. elegans*), His-tagged

Cat. No. LIN28B-7186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Lin28B protein, fused to His-tag at N-terminus, was expressed in <i>E. coli</i> and purified by using conventional chromatography techniques. MW: 29.5 kDa.
Species	Human
Source	<i>E. coli</i>
ProteinLength	1-250aa
Description	Lin28B belongs to the lin-28 family. LIN28 protein is a microRNA-binding protein that binds to and enhances the translation of the IGF-2 (insulin-like growth factor 2) mRNA. Lin28B acts as a suppressor of microRNA (miRNA) biogenesis by specifically binding the precursor let-7 (pre-let-7), a miRNA precursor.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 10% glycerol, 2mM DTT.
Molecular Mass	29.5 kDa (273aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSM AEGGAS KGGGE EPGKL PEP AEEESQV LRGTGHCKWF NVRMGFGFIS MINREGSP LD IPVDVFVHQS KLFMEGF RSL KEGEPVEFTF KKSSKGLESI RVTGPGGSPC LGSERRPKGK TLQKRKPKGD

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RCYNCGGLDH HAKECSLPPQ PKKCHYCQSI MHMVANCPHK NVAQPPASSQ
GRQEASQPC TSTLPREVGG GHGCTSPFP QEARAEISER SGRSPQEASS
TKSSIAPEEQ SKKGPSVQKR KKT

Purity >85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [LIN28B lin-28 homolog B \(C. elegans\) \[Homo sapiens \]](#)

Official Symbol LIN28B

Synonyms LIN28B; lin-28 homolog B (C. elegans); protein lin-28 homolog B; CSDD2; FLJ16517; lin-28B; Lin-28.2;

Gene ID [389421](#)

mRNA Refseq [NM_001004317](#)

Protein Refseq [NP_001004317](#)

MIM [611044](#)

UniProt ID [Q6ZN17](#)

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Chromosome Location	6q21
Pathway	Validated targets of C-MYC transcriptional activation, organism-specific biosystem;
Function	DNA binding; RNA binding; metal ion binding; protein binding; zinc ion binding;

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