

AR50578PU-N

Human LIN28B (1-250, His-tag) - Purified

Alternate names:	CSDD2, LIN28B, Lin-28 homolog B
Quantity:	50 µg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q6ZN17
NCBI:	NP_001004317
GeneID:	389421
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 10% glycerol, 2mM DTT
Description:	Recombinant human Lin28B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SGLVPRGSH MGSMAEGGAS KGGGEEPGKL PEPAAEEESQV LRGTGHCKWF NVRMGFGFIS MINREGSPLD IPVDVFVHQS KLFMEGFRSL KEGEPVEFTF KKSSKGLESI RVTGPGGSPC LGSERRPKGK TLQKRKPKGD RCYNCGGLDH HAKECSLPPQ PKKCHYCQSI MHMVANCPHK NVAQPPASSQ GRQEAESQPC TSTLPREVG GGHGCTSPFP QEARAEISER SGRSPQEASS TKSSIAPEEQ SKKGPSVQKR KKT Molecular weight: 29.5 kDa (273aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Heo I., et al. (2008) Mol. Cell 32:276-284 Richards M, et al. (2004) Stem Cells 22 (1): 51-64.

Pictures:

