
Product Data Sheet

Product Name: LIN28B Human
 Cat. No.: GP23818
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Lin-28 Homolog B (C. Elegans); Protein Lin-28 Homolog B; CSDD2; Lin-28B; Lin-28.2; FLJ16517.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSM AEGGAS KGGGEEPGKL PEPAEEESQV LRGTGHCKWF NVRMGFGFIS MINREGSPLD IPVDVFVHQS KLFMEGFRSL KEGEPVEFTF KKSSKGLESI RVTGPGGSPC LGSERRPKGK TLQKRKPKGD RCYNCGGLDH HAKECSLPPQ PKKCHYCQSI MHMVANCPHK NVAQPPASSQ GRQEAESQPC TSTLPREVG G GHGCTSPFP QEARAEISER SGRSPQEASS TKSSIAPEEQ SKKGPSVQKR KKT.		
Formulation	The LIN28B solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 2mM DTT and 10% glycerol.		

Introduction

Lin28B is a member of the lin-28 family. LIN28 protein is a microRNA-binding protein that binds to and enhances the translation of the IGF-2 mRNA. Lin28B acts as a suppressor of microRNA (miRNA) biogenesis by specifically binding the precursor let-7 (pre-let-7), a miRNA precursor. LIN28 is highly expressed in testis, fetal liver, placenta, and in primary human tumors and cancer cell lines.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

LIN28B Human Recombinant produced in E. coli is a single polypeptide chain containing 273 amino acids (1-250) and having a molecular mass of 29.5 kDa. LIN28B is fused to a

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23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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