

LIN28B Human

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

Catalog #: PRPS-1256

For research use only.

Synonyms: Lin-28 Homolog B (C. Elegans), Protein Lin-28 Homolog B, CSDD2, Lin-28B, Lin-28.2, FLJ16517.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

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
GHGCTSPFPF QE

Purity: Greater than 85% as determined by SDS-PAGE.

Formulation:

The LIN28B solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 2mM DTT and 10% glycerol.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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 (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. LIN28 is highly expressed in testis, fetal liver, placenta, and in primary human tumors and cancer cell lines.

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