

32-13296: LIN28 Human, TAT

Alternative Name : CSDD1, FLJ12457, LIN-28, LIN28A, Protein lin-28 homolog A, ZCCHC1, Zinc finger CCHC domain-containing protein 1, Lin-28A, LIN28.

Description

Source: Escherichia Coli.

Sterile filtered colorless solution.

LIN28 is a marker of undifferentiated human embryonic stem cells and it increases the productivity of the formation of induced pluripotent stem cells from human fibroblasts. LIN28 acts as a 'translational enhancer and therefore leading specific mRNAs to polysomes and causes an increased protein synthesis. LIN28 binds let-7 pre-miRNA and blocks production of the mature let-7 microRNA in mouse embryonic stem cells.

Recombinant Human LIN28 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 222 amino acids (including 13- residue C-terminal TAT peptide) and having a molecular mass of 24.4kDa. The LIN28 is purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 25 µg

Purification : Greater than 90% as determined by SDS-PAGE (coomassie staining).

Content : The LIN28 protein solution was formulated in PBS with 50mM arginine

Storage condition : 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.

Amino Acid : GPSVSNQQFA GGC AKAAEEA PEEAPEDAAR AAD EPQL LHG AGICKWFNVR MGFGFLSMTA
RAGVALDPPV DVFVHQSKLH MEGFRSLKEG EAVEFTFKKS AKGLESIRVT GPGGVFCIGS ERRPKGKSMQ
KRRSKGDRCY NCGGLDHHAK ECKLPPQPKK CHFCQSISHM VASCPLKAQQ GPSAQGKPTY FREEEEEIHS
PTLLPEAQNGÂ Â GYGRKKRRQRÂ Â RR.