9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

LIN28 Human

LIN28 Human Recombinant
RCP1244

Product Overview

Name	LIN28 Human
Description	
LIN28 Human Recombinant	
Accession (Primary)	Q9H9Z2
Synonyms	
CSDD1, FLJ12457, LIN-28, LIN28A, Protein lin-28 homolog A, ZCCHC1, Zinc finger CCHC domain-containing protein 1, Lin-28A, LIN28.	
Introduction	
LIN28 plays an important role as a 'translational enhancer', leading specific mRNAs to polysomes and therefore increasing the competence of protein synthesis. LIN28 is a marker of undifferentiated human embryonic stem cells and it enhances the efficiency of the formation of induced pluripotent stem (iPS) cells from human fibroblasts. LIN28 binds to the let-7 pre-miRNA and blocks production of the mature let-7 microRNA in mouse embryonic stem cells. Overexpression of LIN28 is associated with human germ-cell tumors.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The LIN28 protein solution (0.5mg/ml) contains 20mM Tris-HCl, pH-8, 10% glycerol, 0.1mM PMSF and 0.1M NaCl.	
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.	
Purity	
Greater than 85.0% as determined by SDS-PAGE	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSHRSM GICKWFN VRMGFGFLSM TARAGVALDP PVDVFVHQSK LHMEGFRSLK EGEAVEFTFK KSAKGLESIR VTGPGGVFCI GSERRPKGKS MQKRRSKGDR CYNCGGLDHH AKECKLPPQP KKCHFCQSIS HMVASCPLKA QQGPSAQGKP TYFREEEEEI HSPTLLPEAQ N.	

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Precautions

LIN28 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9H9Z2)