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Lin28, 42-209 aa, Human, His-tag, E.coli

产品货号: TP02828

第三版

别名: Zinc finger CCHC domain-containing protein 1, CSDD1, FLJ12457, LIN-28, LIN28A, ZCCHC1

描述: Lin-28 acts as a 'translational enhancer', driving specific mRNAs to polysomes and thus increasing the efficiency of protein synthesis. It is marker of undifferentiated human embryonic stem cells and has been used to enhance the efficiency of the formation of induced pluripotent stem (iPS) cells from human fibroblasts. It has also been shown to bind to the let-7 pre-miRNA and block production of the mature let-7 microRNA in mouse embryonic stem cells.

配方: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.1M NaCl

分子量: 21.1 kDa (191aa)

序列:

MGSSHHHHHHSSGLVPRGSHRSMGICKWFNVRMGFGFLSMTARAGVALDPPVDVVFVHQSCLHMEGFRSLKEGEAVEFT  
FKKSAKGLSIRVTGPGGVFCIGSERRPKGKSMQKRRSKGDRCYNCGLDHHAKECKLPPQPKKCHFCQSISHMVASCPL  
KAQQGPSAQGKPTYFREEEEEIHSPTLLPEAQN

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.