

Lin28B, 1-250aa, Human, His tag, E.coli

Cat.NO.: TP02829

3th Edition

Synonyms:Protein lin-28 homolog B, CSDD2.

Description:Lin28B belongs to 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. Recombinant human Lin28B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 10% glycerol, 2mM DTT

Molecular Weight:29.5 kDa (273aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSM AEGGASKGGGEEP GKLP EAAEEESQVLRGTGHCKWFNV RMGFGFISMIN
REGSPLDIPVDV FVHQSKLFMEGFRSLKEGEPVEFTFKSSKGL ESIRVTGPGGSPCLGSERRPKGKTLQKRKPKG
DRCYNCGGLDHHAKECSLPPQPKKCHYCQSIMH MVANCPHKNVAQPPASSQGRQEAESQPCTSTLPREVGGGH
GCTSPFPQEARAEISERSGRSPQEASSTKSSIAPEEQSKKGPSVQKRKKT

Purity:> 95% by HPLC

Concentration:0.25 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.