OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AR09295PU-L

LIN28 (42-209, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	LIN28 (42-209, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH RSMGICKWFN VRMGFGFLSM TARAGVALDP PVDVFVHQSK LHMEGFRSLK EGEAVEFTFK KSAKGLESIR VTGPGGVFCI GSERRPKGKS MQKRRSKGDR CYNCGGLDHH AKECKLPPQP KKCHFCQSIS HMVASCPLKA QQGPSAQGKP TYFREEEEEI HSPTLLPEAQ N
Tag:	His-tag
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M PMSF
Preparation:	Liquid purified protein
Applications:	Protocol: Moss E.G., et al. (2003) Dev. Biol. 258:432-442. Heo I., et al. (2009) Cell. 138:696-708.
Protein Description:	Recombinant Lin28 protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_078950
Locus ID:	79727
UniProt ID:	Q9H9Z2
Cytogenetics:	1p36.11
Synonyms:	CSDD1; LIN-28; lin-28A; LIN28; ZCCHC1

View online »

Summary: This gene encodes a LIN-28 family RNA-binding protein that acts as a posttranscriptional regulator of genes involved in developmental timing and self-renewal in embryonic stem cells. The encoded protein functions through direct interaction with target mRNAs and by disrupting the maturation of certain miRNAs involved in embryonic development. This protein prevents the terminal processing of the LET7 family of microRNAs which are major regulators of cellular growth and differentiation. Aberrant expression of this gene is associated with cancer progression in multiple tissues. [provided by RefSeq, Sep 2015]

Protein Families: Transcription Factors

Product images: