

Product datasheet for **TP723273**

Lin28 (LIN28A) (NM_024674) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human lin-28 homolog A (LIN28A).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	GPSVSNQQFA GGCACAAEEA PEEAPEDAAR AADEPQLLHG AGICKWFNVR MGFGFLSMTA RAGVALDPPV DVFVHQSKLH MEGFRSLKEG EAVEFTFKKS AKGLESIRVT GPGGVFCIGS ERRPKGKSMQ KRRSKGDRCY NCGGLDHHAK ECKLPPQPKK CHFCQSISHM VASCPLKAQQ GP
Tag:	13-residue TAT
Predicted MW:	24.4 kDa
Concentration:	lot specific
Purity:	>90% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Measured by its ability to induce fluorescence in Lin28 reporter cells (293 cells transfected with fluorescent protein genes under Lin28 control). Optimum activity was achieved at 20 ug/mL after incubation for 72 hr.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_078950
Locus ID:	79727
UniProt ID:	Q9H9Z2
RefSeq Size:	4014
Cytogenetics:	1p36.11
RefSeq ORF:	627
Synonyms:	CSDD1; LIN-28; lin-28A; LIN28; ZCCHC1



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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