Product datasheet for RC223916L3V

Rex1 (ZFP42) (NM_174900) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rex1 (ZFP42) (NM_174900) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Rex1
Synonyms:	REX-1; REX1; zfp-42; ZNF754
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_174900
ORF Size:	930 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223916).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_174900.2
RefSeq Size:	2649 bp
RefSeq ORF:	933 bp
Locus ID:	132625
UniProt ID:	Q96MM3
Cytogenetics:	4q35.2
Protein Families:	Adult stem cells, Embryonic stem cells, ES Cell Differentiation/IPS, Stem cell - Pluripotency
MW:	34.6 kDa

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Gene Summary: Involved in the reprogramming of X-chromosome inactivation during the acquisition of pluripotency. Required for efficient elongation of TSIX, a non-coding RNA antisense to XIST. Binds DXPas34 enhancer within the TSIX promoter. Involved in ES cell self-renewal (By similarity).[UniProtKB/Swiss-Prot Function]