

Product datasheet for **MC204114**

Erlec1 (NM_025745) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Erlec1 (NM_025745) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Erlec1
Synonyms:	4933407N01Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC018468

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TCCTCCTCCCCTCCTCCTGTTCTCCTCCGGTAGAGGAGGTTGTGACCGTGGCTGGAGGACGCGGCAATGG
AGGAAGGAGACGCGCGCTTGGCGAGCCTGGTCCCCGGAGGGCCACTGTTGCTGGTCTGTACGGTCTCCT
GGAGGCGTCCGGCGGCGCCGAGCGCTGCCAGCTCAGCGACGACATCCCCTTCCGAGTCAACTGGCCT
GGTACCGAGTTCTCTCTGCCTACAACCTGGAGTTTTGTATAAAGAAGATAATTACATCATCATGACAACTG
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CTGTAGTATCACAAAAGGACTGGCAACCACACTGTGAAATTCACGTGTATATAAGAGATTACAGATAAA
CTTGAAGGCAGAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_025745
Insert Size:	1452 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC018468 , AAH18468
RefSeq Size:	1708 bp
RefSeq ORF:	1452 bp
Locus ID:	66753
UniProt ID:	Q8VEH8
Cytogenetics:	11 A4
Gene Summary:	Probable lectin that binds selectively to improperly folded luminal proteins. May function in endoplasmic reticulum quality control and endoplasmic reticulum-associated degradation (ERAD) of both non-glycosylated proteins and glycoproteins (By similarity).[UniProtKB/Swiss-Prot Function]