

Product datasheet for **MC200618**

Kdelr2 (NM_025841) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kdelr2 (NM_025841) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kdelr2
Synonyms:	1110007A14Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC007146 sequence for NM_025841
 TCCCTGGCCACGTCGCGCCGCTCCCGCCATCTTTCGCGCTTCTCTCTCCGGGCTGCTGTGCGCCG
 TCCCGAGTCGCTGCTAGCTCCGGTGCCGCTGTGCGCGCCGACCGCCGCGCCATGAACATCTTCCGGC
 TGACTGGGACCTGTCCCACCTGGCGCCATCGTCATCTACTGCTGAAGATCTGGAAGACGCGCTCCTG
 TGCTGGGATCTCTGGGAAGAGTCAGCTCCTGTTGCACTGGTCTTACGACTCGTACCTGGACCTTTTC
 ACTTCCTTCATTTCCCTTATACAACACGCTATGAAGCTTATCTACATTGCCTGCTCCTATGCCACGGTGT
 ACCTGATCTACATGAAATTTAAGGCCACCTATGATGAAATCACGATACCTTCCGAGTGGAGTTCCTGGT
 GGTTCTGTAGGAGGCCTCATTCTAGTCAATCATGACTTCTCTCCTTTGAGATCTTATGGACCTTC
 TCCATCTACCTGGAGTCCGTGGCCATCCTTCCACAGCTCTTATGATCAGCAAGACTGGCGAGGCTGAGA
 CCATCACCACCCACTACCTCTTCTTCTGGGCCTCTACCGCCTCTGTACCTGGTCAACTGGATCTGGCG
 CTTCTACTTCGAGGGCTCTTTGATCTCATTGCTGTGGTGGTGGTGTGCTCCAGACCATTCTCTACTGC
 GACTTCTTCTACTTGTACATTACAAAAGTACTCAAAGGGAAGAAGCTCAGCCTGCCAGCCTAAGTGCCAA
 AGACCAGCAGCAGCTCTGCCCTCGGGGTGCTCGGACAGGGTCTCACCATGGCGAAGGCGAAGGCGAAG
 GCTCGGGATGCTCAGTGGCAGAAGCAGAGGCTTCTGCGGCAGCCACTACTGGTGGCTCTCGAGGATG
 CAGAGGAAGACAGGAGGCTTGTCTACTGCATCCTGCCTTATCTTTTTTATTACTATGTACAAGA
 TTTTTTTACACAAAGAACTTAATGCTGTGTTAATAAATTCAGATGTAGATGAATTGGGACAGTTCCA
 AAAGTGACGATTTTGTGCACAATAAGTACAAGCCTTTTTTATTTTTTGAGATTTGTTGAGTGGTCAAT
 TCTTTGTGTCTACAATGAAATTATACTCCTTGACACTTGGTAGATTATCCAAACATCTGTCAAATTTCCA
 TGCTATTTATTTCTTTCTTTCTTTCTTTCTTTCTTTCTTTCTTTCTTTCTTTCTTTCTTTCTTTCTTT
 TGTGTTTGTGTTGAAATCTGAGACATTGTGTTCCATTGGTGTCTGTCCAAAAGAGTCTCGTTGTCCTG
 GAAACCCTTCTCAGATGCACACTACATGTGAGTTCGGGAGGATGACTAGAAAGTCTAAGGTTTCAT
 TACCAAACTTGAAGTTCCAGCAGAACTCAGCTGATGCTCACAAACGCTCACCTTCCCCGCTGA
 GGTTGGCAGCTTGAGGTTATCCGAGGGTCTGAGAGCTGCCACCCAGAGGGTCTGAGCCACCTGCC
 TCTGACTATGGAGAGGGCTGGGGGTGATGGCTGTTTTGGATAGAGGACTCAGCTCCTCTGAGGAATGGAA
 CACAAATAGCCACCTGTCACTGTGAGTCCGAAGGATCACTACAACCATGTTAGACTCAAATGTTTTTCTC
 ATAGCACTTTTGGTGATAAAATGATTGACAATCTTTTAAATTGGCAACACCAGTTATCATTCTTACATT
 CTTTTTAGTATTTTTTAAACTGGGCTTTCATGACCTATATTGTGTTAACATCCTAAATAAACATTT
 TATTAACAAA

Restriction Sites: RsrII-NotI

ACCN: NM_025841

Insert Size: 639 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:

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: [BC007146](#), [AAH07146](#)

RefSeq Size: 1886 bp

RefSeq ORF: 639 bp

Locus ID: 66913

UniProt ID: [Q9CQM2](#)

Cytogenetics: 5 G2

Gene Summary: Receptor for the C-terminal sequence motif K-D-E-L that is present on endoplasmic reticulum resident proteins and that mediates their recycling from the Golgi back to the endoplasmic reticulum (By similarity). Binding is pH dependent, and is optimal at pH 5-5.4 (By similarity). [UniProtKB/Swiss-Prot Function]