

Product datasheet for **RR208818**

Klk12 (NM_001107508) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klk12 (NM_001107508) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Klk12
Synonyms: Klnk
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR208818 representing NM_001107508
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGCCTTGGGGAACAGTCTCTCCAAGCTGGATTTGACGGAACAGTTGAGACTCACCACCTTCT
CCATAACACACCCAGCTACCATGGTGCCTATCAGAACCATGAGCATGATCTTCGACTCCTACGGCTGAA
CAGACCCATCAGCTTGACCTATGCTGTCCGGCCGTGGCCCTGCCAGTTCCTGTGCACCCACTGGGGCC
AAGTGTACATATCAGGATGGGGTACTACAACAAGCCGTGGGACCCATTCCAGATCGGCTCCAGTGCC
TCGACCTCTCATTGTCTCTAACGAGACGTGCCGGCCGTATTTCTGGAAGAGTGACAGAGAACATGTT
GTGTGCAGGTGGAGAAGCCGAAAGGATGCCTGTGAGGTGACTCTGGAGCCCCCTGGTGTGTGGAGGG
GTTCTTCAAGGTCTGTTTCTGGGGATCTGTTGGCCTTGTTGGTCAAAAAGGCATCCAGGGGTCTACA
CCAAGTCTGCAAATACACGGACTGGATCAGAGTAGTCATCAGGAACAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR208818 representing NM_001107508
Red=Cloning site Green=Tags(s)

MVRLGEHSLSKLDLLEQLRLTTFSTHPSYHGAYQNHEHDLRLLRLNRPISLTYAVRPVALPSSCAPTGA
KCHISGWGTTNKPWDFPDRLQCLDLIVSNETCRAVFPGRVTENMLCAGGEAGKDACQGDGGPLVCGG
VLQGLVSWGSVGPCCGKIPGVYTKVCKYTDWIRVVIRNN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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:	<u>NM_001107508.1</u> , <u>NP_001100978.1</u>
RefSeq Size:	892 bp
RefSeq ORF:	543 bp
Locus ID:	308564
Cytogenetics:	1q22
MW:	19.5 kDa