

Product datasheet for MC215725

Clnk (NM_013748) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clnk (NM_013748) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Clnk
Synonyms:	MIST
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC215725 representing NM_013748 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACCAGCCAGGGCAATAAAAGGACAACGAAAGAAGGATTCGGTGATCTGAGATTCAGAACGTCTCTC
TGCTGAAAAATAGGTCATGGCCAAGCCTCAGCAGTGCCAAAGGGCGGTGTCGAGCGGTTCTGGAACCACT
TCCGGATCACAGAAGGAACCTGGCTGGGGTCCCAGGTGGAGAAAAATGCAACAGTAACAAGCACTACGAA
GATCCTGAGTTCCAGCTGCTGAAGGCATGGCCATCAATGAAAATTTACCAGCCAGACCTATCCAGGAAT
CGGAATACGCAGATACACGCTATTTCCAGGATACGATGGAGGCTCCCCTTCTGTTACCTCCCAAGGCTTC
TGTCTCCACTGAGAGACAAACCAGGGATGTGAGGATGACACATCTGGAAGAAGTGGAACAAGCCTACCTTC
AAGGATGTGAGAAGCCAACGCTTTAAAGGATTCAAATACACAAAAATAACAAGACTCCTTTGCCACCTC
CTCGGCCGTGATCACTCTCCCAAGAAGTACCAACCCCTACCCCCAGCACCACCAGAGGAGAGCAGTGC
ATACTTCGCTCCAAAGCCACCTTTCCAGAAGTCCAGAGGGGGCCAGGCAGAGGAGTGCAAAAGACTTC
AGTAGGGTCCTTGAGCAGAAGAAGATCTCACCACCAGACAAAGCCAGAATCTTCTTGCCATCATCAA
ACCAAAACACACAGAAGAGTCCACCTGCCATTGCCAGCTTCTTACATGCCAGGAAAGCAGATATACA
AGCCAGAGACCATACAGGTAGCATGCAGCACTGCTGCTCAGAGATGCCAAGCTGCAGCCAGCCACAGC
CCTCGAATGCTGCCCTATGAAAACACAACTCGGAGAAACCTGACCCACAAAGCCTGATGAGAAGGATG
TCTGGCAGAATGAATGGTACATTGGAGAATACAGTCGCCAGGCAGTGGAAGATGTGTTAATGAAAGAGAA
CAAGGATGGTACTTTTTGGTCCGAGACTGCTCTACAAAATCCAAGGCAGAACCATATGTTTTGGTGGTG
TTTTATGGGAACAAGGTACAATGTGAAAATCCGTTTCTCGAGAGCAATCAACAGTTTGCCTGGGCA
CAGGACTACGAGGAAATGAGATGTTTGATTCTGTGGAAGACATCATTGAACACTACACATATTTCCCAT
TCTGCTAATAGATGGGAAAGACAAGGCTGCACGCAGGAAACAGTGCTACCTACCCAGCCACTGCCTCTC
GCCAGGCTCCTTCTCACTCAGTACTCCAGCCAGGCACTTCATGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_013748
Insert Size:	1308 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:	<u>NM_013748.3</u> , <u>NP_038776.3</u>
RefSeq Size:	1586 bp
RefSeq ORF:	1308 bp
Locus ID:	27278
UniProt ID:	<u>Q9QZE2</u>
Cytogenetics:	5 B3
Gene Summary:	Plays a role in the regulation of immunoreceptor signaling, including PLC-gamma-mediated B-cell antigen receptor (BCR) signaling and FC-epsilon R1-mediated mast cell degranulation. Involved in phosphorylation of LAT.[UniProtKB/Swiss-Prot Function]