

Product datasheet for MC212139

Kazald1 (NM_178929) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kazald1 (NM_178929) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kazald1
Synonyms:	AI842353; Bono1; IGFBP-rP10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212139 representing NM_178929 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGCCCGAGTGTTACAGGGCTTCCAGCTAACTATGCTGCACCTACCTTGGCGCTGTCCTTGCTACTAC
CATTATTGCTGGTGTGGACCCAGCTACCCGTTAGCGCGAGGCCGTCCACAGGCCCGATTACCTGCG
GCGAGGCTGGCTGCGGCTGCTAGCCGAGGGCGAGGTTGTGCTCCCTGCCGCCAGAAGAGTGCGCTGCG
CCGCGGGGATGCCTAGCAGGCCGGGTGCGGGATGCGTGCGGCTGCTGCTGGAATGCGCAAACCTGGAGG
GCCAGTCTGCGATCTGGACCCAGCGTAACCTTCTACGGGCGCTGCGGCGAGCAGCTCGAGTGCAGGCT
GGACGCGGGCGGTGACCTGAGTCGAGGAGAGGTGCCGGAGCCGCTGTGTGCTGCCGCTCGCAGCGCCCG
CTCTGTGGTTCGGACGGCCGAACCTACGCGCAGATCTGTCGCCTGCAGGAGGCCGCCCGCTCGGCTGG
ACGCTAACCTCACTGTGGTGCATCCGGGGCCCTGCGAATCGGAGCCCCAGATCCTGTGCGAGCCTCACAA
TATTTGGAATGTGACCGGACAGGATGTGATCTTTGGCTGTGAGGTGTTGCCTACCCCATGGCCTCGATT
GAGTGGAGGAAAGATGGCTTGACATCCAGTGCCGGGGGATGACCCTCATATCTCTGTGCAGTTTAGGG
GTGGACCTCAGAAGTTTGAGGTGACTGGCTGGCTACAGATTCAAGCTTTGCGCCCTAGTGATGAGGGCAC
CTACCGTTGCCTTGCCCGGAATGCTCTGGGCCAAGCGGAAGCTTCTGCAACCCTCACAGTGCTCACACCA
GAGCAGCTGAACGCCACGGGATTCTCCAGCTGCAATCACGGAGTTGTTTCTGAGGAGGAGGAGGAGG
CAGAAAGTGAAGATTGGGCGATTACTAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_178929



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Insert Size:	942 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_178929.4 , NP_849260.2
RefSeq Size:	1383 bp
RefSeq ORF:	942 bp
Locus ID:	107250
UniProt ID:	Q8BJ66
Cytogenetics:	19 C3
Gene Summary:	Involved in the proliferation of osteoblasts during bone formation and bone regeneration. Promotes matrix assembly.[UniProtKB/Swiss-Prot Function]