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Product datasheet for MC223949

Dzip3 (NM_001110017) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Dzip3
Synonyms:	2A-HUB; 2310047C04Rik; 6430549P11Rik; A230104G20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>MC223949 representing NM_001110017
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATTCTCTAGCAGAAGAATTTTTTGTAAGTGGAAATCCTGATGTGGAGGAACAGACCAAGGAAGAAA
CTGAGATTATAGCAGAGAAACCAGTCACTCAGCTGGACAAACAGAAAATGGATATATCTGCTGATCCTGA
GCCTGTTAACGCACTATTAGAAATAAAGAAGGTATTAAATCCAATCAGTGCTCTTCCCAAAGGTGTGTTC
CCTAACATTGAAAAGTTCATACAAGAAGATTTCTCTTTCCAGACTATGCAGAGGGAAGTTACAACTCATA
GCCAGACTGGGGAAGAAATTGTTCCTGCTCTAACATTACATTTTTTGATAACACAACTGGAAATGGCACT
TAGAAACATTCAAGCTTCTAATTATACTGCACAACAAATTAATGTTGGTTATTATTTGACATTACTATTT
TTGTATGGAGTGGCACTCACTGAAAGAGCAAAGAAAGAGGACTGCATAGAAGCTGAAAATAAATTTCTGG
TGATGAAGATGGTGATCCAAGAAAGTGAGATTTGTGAAAACTTTATGTGTTTAGTTTATTTTGGACGTGG
TTTACTTCGATGTGCTCAGAAGAGATATAATGGAGCACTACTAGAATTTTACAAAAGCTTACAAGAAATA
GGAGATACAGATGATAATTGGTTTGAAGTAGATCCTACAGATGATGAAGATTTACCTACAACCTTCAAAG
ATAGTCTCAATAATTTTATCAAAACAACTGAAAGTAATATAATGAAAGAGACCATTTGCAGTTATCTTGA
TTGTGAGCGTTCTTGTGAAGCTGACATTTTAAAGAACACCAATTATAAGGGATTTTTCCAGCTAATGTGC
AGTAAAAGTTGCTGTATTTACTTCCATAAAATTTGTTGGAAAAAGTTCAAGAACTTAAAGTATCCAGGAG
AAAGTGATCAGAGTTTTAGTGGGCAAAAATGTTTGAAAGAAGGATGTCCAGGTGACATGGTCAGGATGCT
ACAATGTGATGTGCCTGGAATTGTCAAAATTTTGTTTGAAGTGGTGAGAAAGGATGAATATATAACCATT
GAAAACTTAGGAGCAAGTTACAAGAATTTGATGTCTCTGGAACTAACTGACACTGATATTAGACCGAAAT
TCAATTTAAAACCAAACACAAAAGATGAAGTGCCTATCTTCAAACTTGATTATAATTATTTCTATCATCT
GCTTCATATAATTATTATTTCTGGTACTGACATGGTCCGGCAAATATTTGATGAGGCTATGCCACCCACT
CTTTTGAAAAAAGAGCTGCTTATACACAAGAATGTGCTGGAACCCTACTACAATCATCTTTGGACCAATC
ACCCTTTGGGTGGATCATGGCATCTGCTTTACCCCCCAAACAAGGAGCTACCACAGTCCAAACAGTTTGA
CTTATGCCTCTTATTAGCGCTCATTAAACATCTGAATGTATTCCCTGCACCCAGAAAAGGCTGGGATATG
GAACCACCATCTTCTGATCTCTCTAAGTCTGCAGACATTCTGAGGCTCTGCAAGTACAGGGATATCCTTC

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TCAGTGAGATTCTGATGAATGGTCTCACCGAGTTACAGTTCAATTCAATTTGGAAAAAAGTTTCTGATAT
TCTTCTGCGCCTTGGGATGAAACAAGACGATATTGACAAAGTCAAGGAGAATCCCATTGAGAATATCTCC
CTTGATTATCATCAGCTGTCCATTTATCTAGGCATACCAGTACCAGAAATCATCCAGAGGATGTTATCCT
GCTATCAACAAGGAATTACTCTACAGTCAATAACAGGCAGTCAGCGTTTAGATGTAGAAGAGTTCCAGAA
TGATGAAGAAGACTTGAGTCCACCTGTGATGGAATATAATATCGATGTGAAATCAAACACTGAGATACAG
TTAGCAGAGATAAATAAAGATGTAGCCTCGATACCTAGTGAATCTTCAACAGAATCTGTTAAAGATCTTC
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TGAGCAAGTCTCATATATGGTAGAAAAGGACGACCAGCTGGAGACAGAACAAGTAGACGTGAACACACTC
AGTACATACATGAAAACTGATACAAGTGATGCACAAGAAGATTCTGCAGCTGAGGACAAGTTCTGTAGCC
TGGATGAACTGCATATTCTAGATATGGTAGAGCAGGGCTCATCTGGAAAGGAAAGTACAGACTTCAAAGA
AACTGAAAAGGAAAGGCTTGCTCATCAACATCAGCTTTATAAATTGCAGTATGAATGTGAAGATTACAAA
AGGCAACTGAAAACAGTGACATTTCGGTGGCAGGAAAATCAAATGCTGATCAAAAAGAAAGAAAAGATTA
TTGTATCTCTTAACCAACAAGTGGCTTTTGGGATCAATAAAATGTCCAAATTACAGCGCCAAATCCATGC
TAAAGATGATGAAATCAAGAACCTTAAAGACCAACTTTCCTTGAAAAGATCTCAGTGGGAAATGGAGAAG
CATAATCTGGAAAGCACAGTTAAAACATATTTAAACAAACTAAATGCAGAAACCAGCAGAGCCTTAACAG
CCGAGGTGTACTTTTTACAGTGTCGTAGAGACTTTGGTTTACTACACCTCGAGCAGACAGAAAAAGAGTG
CCTCAATCAGCTGGCCAGGGTGACACACATGGCAGCAAGCAACCTAGAATCACTTCAACTAAAAGCTGCT
GTAGATAGTTGGAATGCTATTGTGGCGGATGTTCGAAACAAGATTGCATTCCTCAGGACACAGTACAATG
AACAGATCAACAAGGTTAAGCAGGGGTTTGCCTTGAGTACCTTGCCTCCAGTCCAGCTTCCTCCACCACC
ACCAAGTCCTGAGATACTGATACAGCAATTCTTAGGAAGACCCCTTGTGAAGGAATCTTTCTTTCGACCC
ATACTTACTGTCCCTCAAATGCCTGCAGTTTGCCCTGGAGTCATCTCTGCAGCTGTACAACCTAGACCAC
CCCTGATGCCTGGTATAACCTGGGCTATGCCAACACCTATAGGTGATACTGTGTCACCGAGTGCAAGTCT
GTGCAGTGAACCTCTCATGATAAACTGGGAGAGGATTACAGACAGGCTGAAAACTGCTTTTCCACAACAG
ACAAGGAAAGAGCTAACAGATTTCTTACAACAGTTAAAGGATTCTCATGGAAAGTCCGTGTCTCGACTGA
CATTTGATGAAATTGTTTACAAAATTTCTCAAATGATTGAGCCCAAGAAATCTGAGAGTGAAGAAAAGTC
TGCTCAAGATGGCAATAATGCTTCACCCAGCCACACTGCATCACAGCCTAATGCTCCCCAGGACCCCAAG
TCAGCACAAGGTTCTGCCACATGGGAAGGAGACAAAGACATGGATAATGAAGAGGAAGAAGAGGAGCCTT
GTGTAATCTGTCATGAGAATTTGTCTCCAGAAAACCTTTCAGTTTTGCCTTGTGCTCACAAATTTCACTC
TCAGTGCATTAGACCATGGTTGATGCAACAGGGCACATGCCCCACCTGCAGACTCCATGTTTTGCAACCA
GAAGAATTCCCTGGCCACCCCAACGGGCAGTTACCCAAGATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001110017

Insert Size: 3615 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001110017.1, NP_001103487.1

RefSeq Size: 5771 bp

RefSeq ORF: 3615 bp

Locus ID: 224170

Cytogenetics: 16 B5

Gene Summary: E3 Ubiquitin ligase proteins mediate ubiquitination and subsequent proteasomal degradation of target proteins. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Able to specifically bind RNA.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.