

Product datasheet for **MC220955**

Zranb1 (NM_207302) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Zranb1 (NM_207302) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Zranb1 |
| Synonyms: | 9330160G10Rik; D7Wsu87e; Gm1956; Trabid |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC220955 representing NM_207302
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCAGAACATGGGATTAAGTGGCCCTGTGAATATTGTACGTATGAAAACCTGGCCGTCTGCAATCAAGT
 GACTATGTGTCGTGCCAGAGACCCAGTGAACAATTATTACAGAAGATCCATTTAAAAGTGGTTCAAG
 TGATGTTGGTAGAGATTGGGATCCTTCCAGTACTGAAGGTGGAAGTAGTCCTTTGATATGCCAGACTCT
 AGTGCAAGACCAAGGGTTAAGTCTTCATACAGCATGGAATAATGCAATAAATGGTCATGCCACATGTGTA
 CATATTTGAACCTGGCCAAGAGCAATCAGATGTACCCAGTCTTATCCCAGCGTAGGACCAGGAGTCCCAC
 AGAATCTCCTCAATCCTCAGGATCTGGTTCAAGACCAGTTGCTTTTTCTGTTGATCCTTGTGAAGAATAC
 AATGATAGAAAATAAATTGAATACAAGGACCCAGCATTGGACTTGTCTGTTTGCACATATGAAAACCTGGG
 CTAAGGCTAAAAATGTGTTGTTTGTGACCATCCAGACCTAATAACATTGAAGCAATAGAGTTGGCAGA
 GACTGAAGAGGCTTCTCAATAATTAATGAGCAAGACAGAGCTCGATGGAGGGGAGGCTGCAGTAGTGGT
 AATAGCCAAAGAAGATCACCTCCAACATAAAAACGGGACTCGGAAGTGAAGATGGATTTTTCAGAGGATCG
 AATTGGCTGGTGCTGTTGGTACCAAGGAGAACTTGAAGTGGACTTTAAAAAACTAAAGCAGATTAAGAA
 TAGGATGAAAAGACTGATTGGCTATTCCTCAATGCCTGTGTGGGTGTTGTGGAAGGTGACTTAGCAGCC
 ATAGAAGCATACAAGTATCGGGAGGAGACATTGCACGCCAGCTTACTGCAGATGAAGTACGCTTGTCTGA
 ACCGTCCTTCTGCTTTTGATGTTGGCTACACTCTGGTACATCTGGCCATACGCTTTCAGAGGCAGGACAT
 GTTAGCGATATTGCTTACAGAGGTATCTCAGCAAGCAGCAAAGTGTATTCAGCCATGGTGTGCTCTGAA
 CTGACAGAGCAAATCCGGAGAGAAATAGCTGCTTCTTCCAGCAGAGAAAGGGGATTTGCTTGCATTT
 TTCTGACTGACCTTGTAACTTTACATTACCAGCAGATATTGAAGATTTGCCTCCAACAGTTCAAGAAAA
 ATTATTTGATGAGGTGCTTGATAGAGATGTTCAAAAAGAGCTAGAGGAAGAATCTCCCATTATAAACTGG
 TCTTTGGAGTTGGCTACACGTCTGGACAGTAGACTATATGCACCTTGGAAACCGGACTGCCGAGATTGTT
 TACTTGACTCAGTACTACAAGCTACATGGGGCATTATGACAAAGACTCGGTGCTTCGGAAGCCCTGCA
 TGACAGCCTGCATGACTGTTACATTGGTTTTACACACGTGGAAAGACTGGGAATCGTGGTATTCCCAG
 AGCTTTGGTTTACATTTTCACTGAGGGAAGAACAATGGCAAGAAGACTGGGCATTACTCTCTCTAG
 CTAGTCAGCCTGGAGCAAGTTTGAACAGACACACATTTTGTACTTGCACATATTCTTAGACGACCAAT
 TATAGTTTATGGAGTAAAATATTATAAGAGTTTCCGGGGAGAACTTTAGGATATACTCGGTTTCAAGGA
 GTTTATCTGCCTTTGTTGTGGGAACAGAGTTTTTGTGGAAAAGTCCAATCGCACTGGGCTATACAAGGG
 GCCACTTCTCTGCTTTGGTTGCCATGGAGAACGATGGCTATGGCAACCGAGGTGCTGGTGCATCTGAA
 CACTGATGATGATGTCACCATCACATTTTTGCCTCTGGTTGACAGTGAAGGAAGCTCCTCCATGTGCAC
 TTCTGTCTGCTCAGGAGCTAGGTAATGAGGAGCAGCAAGAGAACTGCTCAGAGAGTGGCTGGACTGCT
 GTGTGACTGAAGGGGGAGTTCTAGTGGCCATGCAGAAAAGCTCTCGGCGGAGAAACCACCCTTGGTCAC
 ACAAATGGTAGAAAAATGGCTTGACCGCTACAGACAGATCCGGCCTTGTACATCCTGTCTGATGGAGAG
 GAAGATGAGGATGATGAGGATGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_207302

Insert Size: 2127 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).

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| 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_207302.1</u> , <u>NP_997185.1</u> |
| RefSeq Size: | 2127 bp |
| RefSeq ORF: | 2127 bp |
| Locus ID: | 360216 |
| UniProt ID: | <u>Q7M760</u> |
| Cytogenetics: | 7 76.32 cM |
| Gene Summary: | Specifically hydrolyzes 'Lys-29'-linked and 'Lys-33'-linked diubiquitin. Also cleaves 'Lys-63'-linked chains, but with 40-fold less efficiency compared to 'Lys-29'-linked ones. Positive regulator of the Wnt signaling pathway that deubiquitinates APC protein, a negative regulator of Wnt-mediated transcription. Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the stress fiber dynamics and cell migration. May also modulate TNF-alpha signaling (By similarity).[UniProtKB/Swiss-Prot Function] |