

Product datasheet for **RN212289**

Ezr (NM_019357) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ezr (NM_019357) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ezr
Synonyms:	Vil2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212289 representing NM_019357
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCAAGCCAATCAACGTCCGCTGACCACCATGGATGCAGAGCTGGAGTTTGCCATCCAGCCAAACA
CCACCGGAAGCAGCTCTTTGATCAGGTGGTAAAGACCATTGGCCTCCGGGAAGTGGTACTTCGGCCT
CCAGTATGTAGACAATAAAGATTTCCTACCTGGCTGAAACTTGATAAAAAGGTCTCTGCACAGGAGTT
CGAAAGGAGAACCCTGTCCAGTTCAAATTCGGGCAAGTTCTACCCGAGGATGTGGTGATGAGCTCA
TCCAGGACATCACACAGAAGCTTCTTCTGCAAGTCAAGGAAGGGATCCTCAGCGATGAGATCTACTG
CCCCCAGAGACAGCCGTCTCTGGGGTCTATGCCGTCAGGCCAAGTTCGGAGATTATAACAAGGAA
ATGCACAAGTCTGGGTACCTCAGCTCCGAGAGACTTATCCCTCAGAGAGTATGGACCAGCACAAAGTCA
GCAGGGACCAGTGGGAGGACCGGATCCAGGTGTGGCACGCAGAACACCGAGGGATGCTCAAGGACAGTGC
TATGCTCGAATACCTGAAGATTGCCAGGACCTGGAAATGTATGGGATCAACTATTCGAGATCAAAAAC
AAGAAAGGAACAGATCTTTGGCTTGGAGTGGATGCCCTTGGACTTAACATTTATGAGAAAGATGACAAGT
TGACCCCGAAGATCGGCTTCCCTTGGAGTGAAATCAGGAACATCTCTTTCAACGACAAGAAGTTTGTCA
CAAGCCCATCGACAAGAAGGCTCCTGACTTCGTGTTCTACGCTCCCCGCTGAGAATTAACAAGCGGATT
CTGCAGCTCTGCATGGGGAACCAGAGCTGTACATGCGCCGACAGGAGCCGACACCATCGAGGTGCAGC
AGATGAAGGCCAGGCTCGGGAGGAGAAGCACCAGAAGCAGCTGGAGCGACAACAGTTGGAACCCGAGAA
GAAGAGGAGAGAACTGTAGAGAGAGAAAAGGAACAGATGCTCCGGGAGAAGGAAGAGCTGATGCTTCGG
CTGCAGGACTTTGAGCAGAAGACCAAGAGGGCAGAGAAAGAGCTCTCCGAGCAGATTGAGAAGGCCCTCC
AGCTGGAGGAAGAGAGGAGGCGAGCCCAGGAGGAGGCTGAACGTCTGGAGGCCGACCGCATGGCCGCCCT
GCGGGCCAAGGAAGAAGTGGAGAGACAGGCACAGGATCAGATAAAGAGCCAGGAGCAGCTGGCTGCAGAG
CTGGCAGAGTATACTGCCAAGATTGCCCTGCTGGAGGAGGCACGAGGCCAAGGAGGACGAGGTGGAGG
AGTGGCAGCACCGGGCTAAAGAGGCCAGGACGACCTGGTGAAGACCAAAGAGGAGCTGCACCTGGTGAT
GACGGCTCCCCGCCCCACCCCGCCCGTGTACGAGCCCGTGAATTACCAGTGCAGGAGGGGCTGCAG
GATGAGGGAGCAGAGCCCATGGGCTACAGTGCCGAGCTCTCCAGCGAGGGCATCCTGGACACCGTAACG
AGGAGAAGCGGATCACCGAGGCAGAGAAGAAGCAGCGCTGCAGCGCAGCTGCTGACTCTGAGCAATGA
GTTGTCCCAGGCCGGGATGAGAATAAGAGGACCCACAATGACATCATCCACAATGAGAATGCGGCCAA
GGCCGGGACAAGTATAAGACGCTGCGGCAGATCAGGCAGGGCAACACCAAGCAGCCATCGACGAGTTTG
AGGCCATG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_019357

Insert Size: 1761 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.

RefSeq: [NM_019357.1](#), [NP_062230.1](#)

RefSeq Size: 2973 bp

RefSeq ORF: 1761 bp

Locus ID: 54319

UniProt ID: [P31977](#)

Cytogenetics: 1q11

Gene Summary: connects the microvillar cytoskeleton to the plasma membrane [RGD, Feb 2006]