

## Product datasheet for **MC222924**

### **Zfp729a (NM\_183146) Mouse Untagged Clone**

#### **Product data:**

|                           |                                          |
|---------------------------|------------------------------------------|
| Product Type:             | Expression Plasmids                      |
| Product Name:             | Zfp729a (NM_183146) Mouse Untagged Clone |
| Tag:                      | Tag Free                                 |
| Symbol:                   | Zfp729a                                  |
| Synonyms:                 | A530054K11Rik; Rslcan3                   |
| Mammalian Cell Selection: | Neomycin                                 |
| Vector:                   | pCMV6-Entry (PS100001)                   |
| E. coli Selection:        | Kanamycin (25 ug/mL)                     |



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**Fully Sequenced ORF:**

&gt;MC222924 representing NM\_183146

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

 ATGGAGTTCGGTGCAGGGACCAGCGCCTTCTTTACGAAATGCTGTCATTAGGGATGTGGCCATTGATT  
 TCTCTGCAGAGGAGTGGGAATGCCTGGAGCCTGCTCAGTGGAATCTGTACAGGGACGTGATGCTCGAGAA  
 CTACAGCAACCTTGTGTTCTGGGTCTTCTCGTGTAAGCCACATCTGATCACATGTCTGGAGCAAATA  
 CAAGAGCCTTCAGATGTGAAAAGAGGAGCAGCTACCTCTATGCTCCGGGAGAAAAATGTTATACGTGCA  
 AAGAGTGTGGCAAAGTTTTTGTGAGTGGACCAAAGTGTCCAAAATCATGAGATGCTTTATATAGGAATGAA  
 TCCCAACAAGTGTGAAGAATGTGCCAGGTCCTCCATAGTCCATCATTAGTTCTGAAGAGAACAGAATT  
 CATACAGGAGAAAAACCTTACAAATGTGAAGTTTGTGGCAAGGCCTTCTGCATTCCATTATTACTTTCTA  
 AACACAAGAGAGTTCATACAGGAGAGAATCTCTACAAGTGTGAAGTGTGTGGCAAGGCCTTCCAACATCC  
 ATCAAGACTTTCCAGACATAAGAAGATTCATTGAGAAGAGAAACCATAACAAGTGTGAAGTATGTGGAAG  
 GCCTTCCACTTTCCATCATTACTTTTGGTACACAAGAGAGTTCATACAGGAGAGAAACCATACAAAATGTG  
 AAATATGTGACAAAGCCTTCCATTATCCATCAATACTCTCTAAACACAAGCGAATTCATACAGGAGAGAA  
 ACCATACAAATGTGAAGAATGTGGCAAGGCCTTCCACATTTTCATCTTTCTTAAACACAAAATAATT  
 CATAGAGGAGAAAAACCTACAAGTGTGAGGTATGTGGCAAGGCCTTCCATTATCCATCAAGACTTTCCA  
 ACCATAAGAAAAATCCATTAGGAGAGAAACCATCAAGTGTGAAGTATGTGGGAAGGCCTTCCGCATTTT  
 ATCACTCCTTTCTAAGCACAAGATAATTCATACAGAAGAGAATCCTTACAAGTGTGAAGTATGTGGCAAG  
 GCTTTTCGATTATCCCTCAAGACTTTCTACCCATGCAAAAATGCATACAGGAGAGAAACCATAACAAGTGTG  
 AAGTATGTCAAAAGGCCTTTTCGTTCTCTGTGTCATCACTTTCTAAACACAAGAGAATTCATACAGAAGATAA  
 TTATTATAACAATGAATTATGTGGCAAGGCCTTCATTTATCCTTCAAGACTCTCTAAACATAAGAGAATT  
 TGTGCAGGAGAGAAAGCCCTACAAGTGTGAAGTATGTGGCAAGGCCTTCCATGTTTCATCACTGCTTTCTA  
 AACACAGGACAATTCATACAGGAGAAAACTCTATAAGTGTGAAGTATGTGGGAAGGCCTTTTATTATCC  
 ATCAAGACTTTCCAACCATAGAAGAAATTCATACAGGAGAGAAACCATTCAGTGTGAAGTATGTGGGAAG  
 GCCTTCTGTTTCTTCTCATCACTATCTAAACACAAGAGAATTCACACAGGAGAGAAACCATACAAAATGTA  
 AAGAGTGTGGAAAGGCCTTCCGCTCTCTGTCCTCACTTTCTAAACACAAGAGAATTCACACAGGAGAGAA  
 ACCCTACAAGTGTGAAGAATGTGGCAAGGCCTTCCATTATCCATCATTACTTTCTAAACACAAGATAATT  
 CATACAGAAGAAAAACCTTACAAGTGTGACGTATGTGGCCAGGCATTCCATGTTCCATCAAACTTTCTC  
 ATCACAAGATAATTCATACAGGAGAAAAACCTACAAGTGTGAAGTGTGTGGCAAGGCCTTCTGCATTCC  
 ATTATTACTTTCTAAACACAAGAGAGTTCATACAGGAGAGAAATCCCTATAACAGTCAAGTATGTAGCAAG  
 GCCTTCGTTTATCCTTCAAACTTTCTAAGCATAAGAAAGTTCGTACAAAAGAGAAACCATAACAAGTGTG  
 AAGTATGTGGAAAGGCCTTCCGCTTTCCATCATTACTACTAATACACAAGGGAATGCATACTGGAGAAAA  
 ACCCTACAAGTGTGAAGATTGTGGCAAGGCCTTCCATTATCCATCACTACTTTCTAAACACAAGCGAATT  
 CATACAGGAGAAAAAGCCATACCAGTGTGAAGTGTGTGGCAAGGACTTCCATGTTTCATCATCACTATCTA  
 AACACAGGATAATTATACAGGAGAGAAAGCCATACAAGTGTGAAATATGTGGGAAGACCTTCCGCTTTTC  
 ATCATCACTATCTAAACACAAGAGAAATCATACAGGAAAGAAACCTACAAGTGTGAAGAATGTGGCAAG  
 GCCTTCCATTTTCCATCAATACTTGCAAAACACAAGATAAGTCACTGGAGAGAAACCTACAATTGTG  
 ACTTATGTGGCAAGGCCTTCCATTATGCATCATTACTTTCTAAACATAAGATGATTCATACAGGAGAAAA  
 ACCCCACAAGTGTGATATATGTGGCAAGGCCTTCCATTATCCTTCAAACTTTCCAACCATAGAAGAAAT  
 CATACAGGAGAGAAACCTACAAGTGTGAAGTATGTGGGAATGTCTTCTGTTTTCATCTTCACTTTCTA  
 AACACAAGAGAATTCACACAGGAGAGAAATCCGTACAAGTGTGAAGTGTGTGGCAAGGCCTTCTATTATCC  
 ATCATTACTTTCTAAACACAAGATCATTATACAGGAGAGAAACCTACAAGTGTGACTTATGTGGCAAG  
 GCCTTCCATTATCCATCATTACTTTCTAAACACAAGGTAATTATACAGGAAAAAACCTACAAGTGTG  
 AAGTGTGTGGCAAGGCCTTCCATTATCCCTCACGACTTTCCAAGCATAAGAAAATTCATGGGGCTGGAGA  
 CATGGCTCAGCAGTTAAGAGATCTGGCTGCAATTTCAATTGTGCTGTCC**TGA**
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Restriction Sites:</b>     | Sgfl-Mlul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ACCN:</b>                  | NM_183146                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Insert Size:</b>           | 2922 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                          |
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                                    |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq:</b>                | <u>NM_183146.3, NP_898969.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>RefSeq Size:</b>           | 5180 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 2922 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 212281                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cytogenetics:</b>          | 13 B3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |