

Product datasheet for **RN213260**

Zfp689 (NM_173330) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp689 (NM_173330) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp689
Synonyms:	Hit39; Znf689
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213260 representing NM_173330
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGCCGCTTCGGCCCCGCTGCTTGAGCAGGCACCCGAGAGGTTGGACCTACTCGGAGAAGGGGCA
 GGAGACCAAGGGCCTTGAAGTTCGCGGATGTGGCCGTGTAATCTCTCGAGGAGTGGGGCGCTGCG
 GCGCGCGAGAGGACTCTGTACCGGATGTGATGCGCGAGACCTACGGCCTCCTGGGCGCGCTCGGATGC
 GCAGGTCCCAAACAGCTCTCATCACTGGTTGGAACGAAATACTGATGATTGGGAACCCGAGCCCTAG
 ATCCGCGAGGATACCGGAGATGGTAACATTCAGAGAAAAACAGGACCAGGCAGAAGAATGAAGAGAA
 GGAAGTATTCACCTAAGGATGTACCCGAAAGGGGAAGCGAGGGCGGAAGCCAGCAACCCCGGCTG
 ATTGCCAGGCAGACATCCGGCGGCCCATCTGCCCTGACTGTGGCTGTACCTTCCTGACCTCCCGCCC
 TGGAGAGCCACAAGTGCGCCAGAATCTGAAGAAACCTACCCCTGCCCGGATTGTGGGCGCGCTTTTC
 CTACCCATCCCTGTTGGTCAGTCACAGGCGGGCACACTCTGGTGAGTGCCCTTACGTTTGTGACCAGTGT
 GGCAACGTTTTTCCAGAGGAAAAACCTGTCTCAGCACCAGTCATACACAGGAGAGAAGCCCTACC
 ACTGCCCTGACTGTGGCCGCTGCTTTCGACGGAGCCGGTCTTGCCCAATCACCGGACCACGCACACCGG
 TGAGAAGCCTCATCAGTGCCCTAGTTGCGGGCGTCGCTTCGCCTATCCATCTCTGCTCGCTATCCACAA
 CGGACACACAGGAGAGAAGCCCTACACCTGCCTAGAATGCAGCCGTCGTTTCCGCCAGCGCACTGCC
 TGGTCATCCACAGCGCATCCACACTGGAGAGAAGCCTTACCCGTGTCTGACTGTGAGCGGCGTTTCTC
 CTCTTCTCTCGCTGGTTAGCCACCGCGTGTGCACTCTGGGAGCGGCCCTATGCCTGTGAGCACTGT
 GAAGCCCGCTTCTCTCAGCGCAGCACCTGTCTCAGCACCAGCTTTTGCACACAGGGGAGAAACCTACC
 CCTGCCAGACTGTGGCCGTGCTTCCGAAGGAGCGGCTCCTTGCCATCCATCGCAGCACCCACACGGA
 AGAGAAGCTGCACGCTGCGATGACTGTGGCCGCGCTTTGCCTATCCCTCGCTGCTGGCCAGTCATCGG
 CGTGTGCACTCAGGAGAGCGGCCCTATGCCTGTGACCTTTGCTCCAAACGCTTTGCCAGTGAGGCCACT
 TGGCTCAGCACCAGCTTCTGCACACTGGGAAAAGCCTTCCCTTGCTTGAGTGTGGCAGGTGCTTCG
 CCAGAGGTGGTCCCTGGCTGTCCACAAGTGTGCCCAACACCCACAATGGCAGCCCTAGACCACTATA
 GGAGGGCCCAATCAGAGGAGCAGTGCTCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_173330

Insert Size: 1503 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:	<u>NM_173330.1, NP_775452.1</u>
RefSeq Size:	2411 bp
RefSeq ORF:	1503 bp
Locus ID:	286996
UniProt ID:	<u>Q99PJ7</u>
Cytogenetics:	1q37
Gene Summary:	may act as a transcription factor [RGD, Feb 2006]