

Product datasheet for **MG214501**

Zfp708 (NM_001012325) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp708 (NM_001012325) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp708
Synonyms:	Rscan11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG214501 representing NM_001012325
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATAATTGAAGTCTTCATCAACGCCAAAGAATGACCAAGGACCCTCTGTCATTTACAGATGTGGCCA
 TTGATTTCTCTGCAGATGAGTGTGAATGTCTGGACTCTGCTCAGTGAATTTGTATAAGGAAGTGATGTT
 GGAGAATTACAGCAACCTTGTGTTCTGGTCTTGCTTTCTCTAAGCCATACCTGGTCACATTTCTGGAG
 CAGAGTTCAGATCTGTGGAGTGTGAAGAGGAAGGCATCAGTGGCCATCCATCTAGGATCAAAAGCCATA
 AATGTAAGAATGTGGGAAATCCTTTGATAGGAACTCAGTCTTATTCAACATCAAAGAATTCATACTGG
 AGAGAGGCCCTACAAATGTGAAGAATGTGGCATGGCCTTCACCGGTCGCTGCATTCTTTCTAAGCACCAG
 CGAATCCATACTGGAGAAAAACCCTACAAATGTAAGAATGTGGCAAAGCTTTCAGCTGTTCTTCTAACC
 TTCACCAACACCAACAAATTCATAGGGAAGAGAAAACCCTATAAATGCGATGACTGTGGGAAGGCCTTTAG
 CTGTTCTTCATATCTGTATAAGCATCAGCGAATCCATACTGGCATGAAACCCTACAAATGCAAGGAATGT
 GGCAAGGCCTTTAACTGTTCTGCAAACCTATTTACCACCAGAGAATTCATACTGGAGAGAAACCATATA
 AGTGTGGTGAATGTGGGAAAGCCTTTACCATTTATTCAACATTTATGAATCACCAGCGAACACATAGTGG
 AGAAAAACCGTATGAATGCAAAGACTGTGGGAAAGCCTTTACTAATTGTTATAATCTAATTCACACCAA
 AGAATTCATACTGGAGAGAAACCCTATGCATGTGAAGAATGTGGCAAATCTTTAACTATTCTTCCCATC
 TTAACAACACAAAAGAATCCATACTGGAGAGAAACCATATAAATGTGAAGTGTGTGGCAAAGCTTTTAA
 CTGTTCCGATTACTTGTAAAGCATCAAAGAATTCATACTGGAGAGAAACCCTACAAATGTGAAGTATGT
 GGCAAAGCTTTTAGCTTTTCTACATATCTGCATAAACATCAAAGAATCCACACTGGAGAGAAACGCTACA
 GATGTGAAGAATGTGGTAAAGCTTTTACTAATTATTCAGGGCTTATTGTTACCGAAGACTACACTG
 AGAGAAAACCCTACAAATGTGAAGAATGTGGCAAAGCCTTTAGTGTTCACACATCACTCTCTAAACATCAG
 AGAATTCATACGAGAGAGCAACCTTACAAATGTGATGAATGTGGAAAGACCTTTAGTGTTCACTCAACAT
 TCTCTAAACATCAGATAATGCATACTAGAGAGAAACCCTACAAATGCAAACACTGCGACAAGACCTTCAA
 ATATCCTTCAACCCTTGTCAACATGAAAGAATTCACACTGGAGAGAGACCCTACAAATGTGAAGTTTGT
 GGCAAAGCCTTTACTTCTTCTTCAAATCTTAAATATCATTGGAGACTTCATACTGGCGAGAAGCCCTATA
 AATGTGAACAATGTGGTAAAGCCTTTAAAATAGTTCAAATGTCACTCGACACTACAAAATTCATACTAG
 AGAAAATCCAGAT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG214501 representing NM_001012325
 Red=Cloning site Green=Tags(s)

MIIEVFINAKEMTKDPLSFTDVAIDFSADECECLDSAQWNL YKEVMLENYSNLVFLGLAFSKPYLVTFLE
 QSSDLWSVKRKASVAIHLGSKAHKCKEKGKSFDRNSVLIQHQR IHTGERPYKCEECGMAFTGRCILSKHQ
 RIHTGEKPYKCKEKGKAFSCSSNLHQHQI HREEKPYKDDCGKAFSCSSYLKHKQRIHTGMKPYKCKE
 GKAFNCSANLIYHQRIHTGEKPYKCGEKGKAFIYSTFMNHQRTHS GEKPYECKDCGKAFNCSYNIHQHQ
 RIHTGEKPYACEECGKSFNYSSHLKQHKRIHTGEKPYKCEVCGKAFNCSYLVKHQR IHTGEKPYKCEVC
 GKAFSSTYLHKHQRIHTGEKRYRCEECGKAFNYSGLI VHRRVHTGEKPYKCEECGKAFSVHTSLSKHQ
 RIHTREQPYKCECGKTFVHSTFSKHQIMHTREKPYKCKHCDKTFKYP SPLVQHERIHTGERPYKCEVC
 GKAFNCSNLKYHWRLHTGEKPYKCEQCGKAFKNSNVTRHYKIHTRENPD

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001012325
ORF Size:	1623 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001012325.2 , NP_001012325.2
RefSeq Size:	2567 bp
RefSeq ORF:	1626 bp
Locus ID:	432769
Cytogenetics:	13 B3