

Product datasheet for **MG215328**

Ifrd1 (NM_013562) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifrd1 (NM_013562) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ifrd1
Synonyms:	Ifnl; PC4; Tis7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG215328 representing NM_013562
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCGAAGAACAAGAAGCGGAACGCTCCCCACCGCGGTGGCGGGGTGGCGCGGCTCCGGGGCAGCGA
 CGTCGGCGGCCACGGCAGGTGGCCCGCATCGACTGTTCAACCTTTCAGTGATGAAGATGCATCCATTGA
 AACAAATGAGCCACTGCAGCGGCTATAGCGATCCTTCCAGTTTTGCGGAGGATGGGCCAGAAGTCTTGAT
 GAGGAAGGAACCAAGAAGACTTAGAGTACAAGTTGAAGGGATTAATTGACCTAACCTTGATAAGAGTG
 CGAAGACAAGACAGGCAGCTCTTGAAGTCTTAAGAATGCACTGTCTTCAAAAGTGTGTATGAGTTTGT
 TCTCGAGAGAAGAATGACTTTAACTGATAGCATTGAGCGCTGTCTGAAAAAGGAAAGAGTGACGAGCAG
 CGTGCGGCTGCAGCTGTCGCATCTGTTCTTTGATTTCAGCTGGCCCTGGATTTGAGAGTGAAGAGATT
 TAAAGACTCTTGACCAATCCTAAAAAAATAATTTGTGATGGAGCAGCTAGTATCCAGGCTAGGCAGAC
 TTGTGCAACTTGCTTTGGTGTGTTGCTGTTTTATTGCCACAGATGATATCACTGAGCTGTATTCAACTCTG
 GAATGCTTCGAAAATATCTTACCAAGTCTATCTTAAAGAGAAAAGACACTAATGTTACTTGCAGCACTC
 CAAATACAGTGCTTCACATCAGCTCGCTTCTCGCGTGGACATTATTACTGACCATATGCCAATCAATGA
 GGTGAAGAAAAGCTGGAGCTGCATTTCCATAAAGCTTCCAAGCCTCCTTTCTTGATGATGTAACATG
 AGAATTGCTGCTGGCAATCTTTGGCACTTCTGTTTGAATTGGCCAGAGGAATGGAGAGTGACTTTTTTT
 ATGAAGATATGGATTCTTTGACCAGATGCTCCGGGCTCTGGCTACAGATGGAAATAAACCCGTGCCAA
 AGTGGACAAGAGAAAGCAGCGGTCTGTCTTCAAGACGTTCTGAGGGCTGTGGAGAACGGGATTTTCCA
 ACAGAAACTGTTAAATTTGGTCTGAGCGCATGTATATTGATAGCTGGTCAAAAACATACCTATGACA
 CGTTTAAAGAGGTTCTTGATCAGGGATGCAGTACCCTTGCAGACAAATGAATTCCTTGAAGATGATT
 TGAGCTTGGACCCCTGTGATGCTTGTGCTGCAACACTTAAACCATGAAGATTTCTCGTTTTGAAGG
 CATTATATAACTCTGCAGCTTTCAAAGCTCGAACAAAAGCTCGAAGCAATGCCGAGATAAGAGAGCAG
 ATGTTGGAGAATTCTTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG215328 representing NM_013562
 Red=Cloning site Green=Tags(s)

MPKNKRNAPHRGGGGGGGAATSAATAGGPHRTVQPFSDASDIETMSHCSGYSDPSSFAEDGPEVLD
 EEGTQEDLEYKLGKGLIDLTLDKSAKTRQAALGLKLNALSSKVLVEFVLERRMTLTDIERCLKKGSDEQ
 RAAAASVAVLQIQLGPGFESEELKTLGPILKKIICDGAASIQRQTCATCFVCCFIATDDITELYSTL
 ECFENIFTKSYLKEKDTNVTCTPNTVLHISLLAWTLLLTICPINEVKKKLELHFHKLPSLLSCDDVNM
 RIAAGESLALLFELARGMESDFFYEDMDSLQMLRALATDGNKHRKAKVDKQRQSVFRDVLRAVEERDFP
 TETVKFGPERMYIDSWVKKHTYDTFKEVLGSGMQYHLQTNFLRNVFELGPPVMLDAATLTKMKISRFER
 HLYNSAAFKARTKARSKCRDKRADVGEFL

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_013562

ORF Size: 1347 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:

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_013562.2](#), [NP_038590.2](#)

RefSeq Size: 1836 bp

RefSeq ORF: 1350 bp

Locus ID: 15982

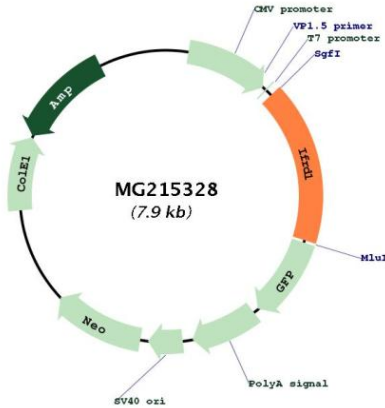
UniProt ID: [P19182](#)

Cytogenetics: 12 18.06 cM

Gene Summary:

Could play a role in regulating gene activity in the proliferative and/or differentiative pathways induced by NGF. May be an autocrine factor that attenuates or amplifies the initial ligand-induced signal.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG215328