

## Product datasheet for **MC215944**

### **lfrd1 (NM\_013562) Mouse Untagged Clone**

#### **Product data:**

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                    |
| Product Name:      | lfrd1 (NM_013562) Mouse Untagged Clone |
| Tag:               | Tag Free                               |
| Symbol:            | lfrd1                                  |
| Synonyms:          | lfnl; PC4; Tis7                        |
| Vector:            | pCMV6-Entry (PS100001)                 |
| E. coli Selection: | Kanamycin (25 ug/mL)                   |
| Cell Selection:    | Neomycin                               |



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**Fully Sequenced ORF:** >MC215944 representing NM\_013562  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCGAAGAACAAGAAGCGGAACGCTCCACCACCGGGTGGCGGGGTGGCGCGCTCCGGGGCAGCGA  
 CGTCGGCGGCCACGGCAGGTGGCCCGCATCGACTGTTCAACCTTTCAGTGATGAAGATGCATCCATTGA  
 AACAAATGAGCCACTGCAGCGGCTATAGCGATCCTTCCAGTTTTGCGGAGGATGGGCCAGAAGTCTTGAT  
 GAGGAAGGAACCAAGAAGACTTAGAGTACAAGTTGAAGGGATTAATTGACCTAACCCCTTGATAAGAGTG  
 CGAAGACAAGACAGGCAGCTCTTGAAGTCTTAAAGATGCACTGTCTTCAAAAGTGTGTATGAGTTTGT  
 TCTCGAGAGAAGAATGACTTTAACTGATAGCATTGAGCGCTGTCTGAAAAAGGAAAGAGTGACGAGCAG  
 CGTGCGGCTGCAGCTGTCGCATCTGTTCTTTGATTTCAGCTGGCCCTGGATTTGAGAGTGAAGAGATTT  
 TAAAGACTCTTGACCAATCCTAAAAAAATAATTTGTGATGGAGCAGCTAGTATCCAGGCTAGGCAGAC  
 TTGTGCAACTTGCTTTGGTGTGTTGCTGTTTTATTGCCACAGATGATATCACTGAGCTGTATTCAACTCTG  
 GAATGCTTCGAAAATATCTTACCAAGTCTATCTTAAAGAGAAAAGACACTAATGTTACTTGCAGCACTC  
 CAAATACAGTGCTTCACATCAGCTCGCTTCTCGCGTGGACATTATTACTGACCATATGCCAATCAATGA  
 GGTGAAGAAAAGCTGGAGCTGCATTTCCATAAAGTCTTCAAGCCTCCTTTCTTGTGATGATGAAACATG  
 AGAATTGCTGCTGGCAATCTTTGGCACTTCTGTTTGAATTGGCCAGAGGAATGGAGAGTGACTTTTTTT  
 ATGAAGATATGGATTCTTTGACCAGATGCTCCGGGCTCTGGCTACAGATGGAATAAACACCGTGCCAA  
 AGTGGACAAGAGAAAGCAGCGGTCTGTCTTCAAGACGTTCTGAGGGCTGGAGGAACGGGATTTTCCA  
 ACAGAAACTGTTAAATTTGGTCTGAGCGCATGTATATTGATAGCTGGTCAAAAACATACCTATGACA  
 CGTTTAAAGAGGTTCTTGGATCAGGGATGCAGTACCCTTGCAGACAAATGAATTCCTTCGAAATGTATT  
 TGAGCTTGGACCCCTGTGATGCTTGTGCTGCAACACTTAAACCATGAAGATTTCTCGTTTTGAAAGG  
 CATTATATAACTCTGCAGCTTTCAAAGCTCGAACAAAAGCTCGAAGCAATGCCGAGATAAGAGAGCAG  
 ATGTTGGAGAATTCTTGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_013562
- Insert Size:** 1350 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:       | <a href="#">NM_013562.2</a> , <a href="#">NP_038590.2</a>  |
| RefSeq Size:  | 1836 bp  |
| RefSeq ORF:   | 1350 bp  |
| Locus ID:     | 15982  |
| UniProt ID:   | <a href="#">P19182</a>   |
| 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] |