

Product datasheet for RN205172

lfrd2 (NM_001047871) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	lfrd2 (NM_001047871) Rat Untagged Clone
Tag:	Tag Free
Symbol:	lfrd2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205172 representing NM_001047871 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCCTCGCGCTCGTAAGGGCAATGCGCTCCGCAAGGGCGGTGAGCGCCGTGGAGGAGGTGCCAGGAGCT
GTACTCAAGCTGACTCGGGTTCCAGTGAGGACGACGCGCCAGCAGGCCCGGAGCACCACAGTGAATG
TCCCAGCCTTCTCAGCACCGCCGAGAAGACTGCCTGGGTGGGAAGCTGTGGACGAACAGAGCCAGCAG
GAAAACCTGGAGGAAAAGCTGAAGGACTATGTGGACTGCCTGACTGACAAGAGCGCCAAGACCCGGCAAG
GAGCTCTGGAGAGCCTGCGCGTGGCCCTGGCCTCCCGCCTACTTCCAGACTTTTTGCTGGAGCGCAGCCT
CACTCTGGCCGACGCCCTGAAAAAGTGCCTTAAGAAAAGGAAGGGTGAAGAACAGGCCCTGGCCGCTGCT
GTACTAGGCCCTGCTCTGTGTGCAGTTGGGCCCTGGACCAAGGGCGAGGAGCTGTTCCATAGCCTGCAGC
CCCTGCTAATCTCGGTGCTCAGTGACAGTACAGCAAGCCCACTGCCCGGCTCCATTGTGCTTCTGCTCT
TGGCTTGGGCTGCTATGTGGCTGCCACCGATGTCCAGGACCTGGTCTCTTGCTTGGCCTGCTTGGAAAGT
GTTTTAGCTGGTCTGTGGCACCGCGGCTCTGCTGCTTCTCTGGTTCCTGCCAGCCTACATGGCCTGC
TCTGTGCCGCCCTGCAGGCTGGCATTGCTGCTCACCATCTGCCCTAGTACCCACATCAACCACATCCT
TGACAGGCAGCTGCCCGGCTGCCCGAGCTCCTGTCCAGTGAAAGTGTGAACCTGCGGATTGCTGCTGGT
GAAGCCATCGCCCTGCTTTCGAGCTTGCCCGGATCTCGAGGAGGACTTCATCTATGAGGACATGGAGG
CTCTGTGTGGATCTCTGCGGACTCTCGCCACCGACAGCAATAAGTACCGTCCAAGATTGACCGTCGACG
CCAGCGCTCCATTTCCGAGCCGTGCTGCACTTTGTTGAGGGCGGTGAATGTGAGGAGGAAAACAATCCGC
TTTGGACTGGAAGTGTCTACATAGACAGCTGGGCTCGCCACCGCATCTACACAGCCTTCAAAGATGTGT
TGGGCTCCGGCATGCACTATCACCTCCAGAATAATGAACTTCTCCGTGACATCTTCGGCTGGGCCCTGT
GCTGGTGTGGATGCTGCTGCCCTGAAGGCTGCAAGATTTACGTTTTGAAAAGCACCTGTACAATGCT
CGCGCCTCAAAGCCCGACCAAGGCCCGAGTCTGCAAGGACAAGCGGGCGGATATCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001047871
Insert Size:	1326 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:	<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:	<u>NM_001047871.1, NP_001041336.1</u>
RefSeq Size:	1977 bp
RefSeq ORF:	1326 bp
Locus ID:	300994
Cytogenetics:	8q32