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Product datasheet for MC218758

Raly (NM_001139511) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Raly (NM_001139511) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Raly
Synonyms:	AI663842; Merc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC218758 representing NM_001139511
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCCTTGAAGATTCAGACCAGCAATGTAACCAACAAGAATGACCCTAAGTCCATCAACTCTCGGGTCT
TCATCGGAAATCTAAACACAGCTGTGGTGAAGAAGTCAGATGTGGAGACCATCTTTTCCAAGTACGGCCG
AGTGGCTGGTTGCTCTGTGCACAAAGGCTATGCTTTTGTCCAGTATGCCAATGAGCGCCATGCCCGGGCA
GCTGTGCTGGGAGAGAATGGGCGGGTGCTGGCTGGACAGACCCTGGACATCAACATGGCTGGAGAGCCCA
AGCCTAATAGACCCAAGGGGCTAAAGAGAGCAGCAACTGCCATCTACAGGCTGTTTGATTATCGAGGCCG
CCTTTCTCCAGTGCCTGTGCCCAGGGCAGTTCCGGTGAAGCGACCCCGTGTTACAGTCCCTTTGGTTCGC
CGTGTCAAAACTACGATACCTGTCAAGCTCTTTGCCCGCTCCACAGCTGTCACTACTGGCTCAGCCAAAA
TCAAGTTAAAGAGCAGTGAGCTACAGACCATCAAAACAGAGCTGACACAGATCAAGTCCAACATCGATGC
CCTGTTGGGTCGCTTGGAACAGATTGCTGAGGAACAGAAGGCCAACCCAGATGGCAAGAAGAAGGGTGAC
AGCAGCAGTGGTGGAGGAGGAGGCAGCAGTGGTGGAGGCGGCAGTAGCAATGTTGGTGGTGGCAGCAGCG
GCGGCAGCGGGAGCTGCAGCAGCAGCAGCCGGCTACCAGCGCCCCAAGAAGACACGGCTTCTGAGGCAGG
CACACCCCAAGGAGAAGTCCAAACTCGAGATGATGGTGATGAGGAGGGACTGCTAACACATAGCGAGGAG
GAGCTGGAGCACAGCCAGGACACAGATGCAGAAGATGGAGCCTTGCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001139511
Insert Size:	891 bp

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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:	NM_001139511.1, NP_001132983.1
RefSeq Size:	1711 bp
RefSeq ORF:	891 bp
Locus ID:	19383
UniProt ID:	Q64012
Cytogenetics:	2 76.83 cM
Gene Summary:	RNA-binding protein that acts as a transcriptional cofactor for cholesterol biosynthetic genes in the liver (PubMed:27251289). Binds the lipid-responsive non-coding RNA LeXis and is required for LeXis-mediated effect on cholesterogenesis (PubMed:27251289). May be a heterogeneous nuclear ribonucleoprotein (hnRNP) (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) lacks an exon in the 5' coding region, compared to variant 1. It encodes a protein that is 16 amino acids shorter than the long isoform.

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