

## Product datasheet for **MC210705**

### Diras2 (NM\_001024474) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Diras2 (NM_001024474) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Diras2
Synonyms:	2900052J15Rik; AI414999
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210705 representing NM_001024474 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCGGAACAGAGCAACGACTACCGGGTGGCGGTGTTTGGGCGAGGCGGTGTTGGCAAGAGCTCCCTCG  
TTTTGAGGTTTGTGAAAGGGACCTTCAGGGAGAGCTACATCCCGACTGTGGAAGACACCTACCGGCAGGT  
GATCAGCTGTGACAAGAGCATATGCACGCTGCAGATCACCGACACCACCGGGAGCCACCAGTTTCCGGCC  
ATGCAGCGGCTGCCATCTCAAAGGCCACGCCTTCATCCTGGTCTACTCCATCACCAGCCGGCAGTCCC  
TGGAGAACTCAAGCCCATCTATGAGCAGATCTGCGAGATCAAGGGGGATGTGGAGAGCATCCCCATCAT  
GCTGGTGGTAACAAGTGTGATGAGAGCCCAACCGTGAGGTCCAGAGCAGCGAGGCAGAGGCCCTAGCC  
CGCACATGGAAGTGCGCCTTCATGGAGACGTCCGCCAAGCTCAACCACAACGTGAAGGAACCTTTTCAGG  
AACTCCTCAACCTGGAGAAGCGCAGGACCGTGAGCCTCCAGATCGACGGCAAGAAGAGCAAGCAGCAGAA  
GAGGAAGGAGAAGCTCAAGGGCAAGTGCCTGGTTCATG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001024474
Insert Size:	600 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001024474.2</a></u> , <u><a href="#">NP_001019645.1</a></u>
<b>RefSeq Size:</b>	4348 bp
<b>RefSeq ORF:</b>	600 bp
<b>Locus ID:</b>	68203
<b>UniProt ID:</b>	<u><a href="#">Q5PR73</a></u>
<b>Cytogenetics:</b>	13 A5
<b>Gene Summary:</b>	Displays low GTPase activity and exists predominantly in the GTP-bound form. [UniProtKB/Swiss-Prot Function]