

Product datasheet for **MC205282**

Diras1 (NM_145217) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Diras1 (NM_145217) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Diras1
Synonyms:	Di-Ras1; Gbts1; RIG
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC057556
 GCGGACAGCAGCGCAGCGGGGGACCACAGCGGCCAGGGTCGGTCTGGGGTTCTAGCTGCCGGCCCTG
 TCCTCCAAGCCGGCTCCGGAGAAGATGCCAGAACAGAGCAATGACTACCGTGTGGTCTGTTCCGGCGCAG
 GCGGCGTGGGCAAGAGCTCGCTGGTGTCCGCTTTGTAAGGGGACGTTTCGTGACACCTACATCCCTAC
 CATAGAGGACACGTACCGGCAGGTGATCAGCTGTGACAAGAGCGTGTGCACACTGCAGATCACGGACACC
 ACCGGCAGCCACCAGTTCCCGCCATGCAGCGGCTGTCCATCTCCAAGGGCCACGCTTTATCCTGGTGT
 TCTCGGTGACCAGCAAGCAGTCTGCTGGATGAGCTGAGCCCCATCTACAAGTTGATCGTGCAGATCAAGGG
 CAGCGTGGAGGACATCCCATCATGCTGGTGGGAACAAGTGTGATGAGACGCAGCGGGAGGTGCACACG
 CGCAGGGCGCAGGCCGTGGCACAGGAGTGGAAAGTGCGCCTTCATGGAAACCTCAGCGAAGATGAACTACA
 ACGTGAAGGAGCTGTTCCAGGAGCTGCTGACGCTCGAGACGCGCCGGAGCGTCAGCCTCAGCGTGGACGG
 CAAACGCTCCAGCAAGCAGAAGAGGGCTGACCGCATCAAGGGCAAGTGCAGCGCTCATGTGAGCCCGCCAG
 AGCCAGCTTGAGTCTCCCGGGCTCCTTCTCCCCTCCCTCCCTCCCTCCTCTCCTCTCTCTAGTATTC
 CTCTCCTCCACCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTC
 TCCTTCTCCTTTCCTTTCCTTTCCTTTCCTTTCCTTTCCTTTCCTTTCCTTTCCTTTCCTTTCCTTTCCT
 GTAAGGTTGGGCTCCATCCCTGCCTCTTACACCTCCATAGCTTCATCCTTTGCAGACCTCTCCCTCAT
 ATCTCTTTGCTCCCCACCCCAATTCTATCTGCACCCCAACACACACTGGAGGTTTGTATCCCTGTGG
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 GGGAGTGCCCAATTGACCTCATCTTCCCTCACTAATATCTTATTTCTTTCACCTGATCCTGTCTTTCCCC
 GTGACCTCTGACCTGTGGCCTTCCCTGGGTCCAGAACACCCCTGTCTCTCCTGTCTGCACACCAGGGTG
 GATGGGCCCGAGGGCTGGGCCTCAGGCACCAGGCAATAAACACAGGGCCTGCAGCAATGCCCTGGCCACC
 CCGAGTACCACCTCTGGAATAGCAGACGCCACAGCACAAGCCAGGACTGTCCCTCAGGGGAGGCACA
 CTGGAACCTGAACTTGGAGTGTGGAGTGGTGCCTGGACACTGCCACCTGGACACCAGCCTTCTGCTG
 AGATAGAGACCTTGGCACAGTGGCACCTCGACAGCCACCCGACTGGGGGTTTGGGGTGTGTGAGGGTGGG
 GTGCCAGCTGAGAGTCTATCAGCAAAGTCCCTGTGTGCGGTGATAGGACTAGTGGCTGCTGCCCTAGGG
 CTCTGACAGAATCTGAGCCTCTTTGCTGGTGTGTGACTCTGGAGACTGTCCCATGTCTGCCCTGAG
 TTACGGAGCCCTGTGGTATCTGCGAGACTGTCCAGGAGACTTGTGGTCTGTTGGGCTGTGTCCACC
 CAGATGAGGGTGACTTAGAATTCTGTGTTATGTGCTGTGTGTGGATGGGTGTGTGTCTGTCTTGGG
 ATGGGGTGTCTTGCACCACTTTGTGTTCTTAGTGAGACCACAGTGAAGTGGCCGTGTGTGTGTGGG
 GGGGGCACCTAGACATTGTGGTGTGTCTGTATGGCTCTGTGTTTTAGGGGTGGGTGACACAGGCCTGT
 CTGATGAGCACCAGGTCTGTTCCAGGCTGTGGCAAGCTGGCTCCTGGCTCAGAAGTGACAAGCTGCAGT
 ACAGAGGCCTCAGTGTGAGGTATCACCTCACAGTGGCTACAGACCAGGCTGTGGCCTGAGTGTGAGTGTGA
 ACCTCTGGGGTGGGGACGAGAAAGAGAGAGGGGAGAGAGAGGGGGGAGAGTGTGTGTGTGTGAAGGG
 GGAGAGTGTGTGGGGGAAGAGTGTGAGAGAGATAGAGTGTATGTGTGAGAGGGAGGGAGAGTGGGAGGTAGA
 ATGAGAGAGAGTGTGATTGGAAGGGAGAGAGAGAGTGTGAGAGAGTGTGAGAGAGAGACAGAGACAGAG
 ATAAAGGAGATAAAGAGAGACAAAGACATGGTCACAAAGAGACAGAGAAGCAGAAAGAAGGCTGAAGCCA
 GATGACCAAGTAGGCCGACCCCACTGTGTTCCCTTCTGTGTGCCAGGCACAGGGAGAGCCACAGCCTGA
 AGCCTGAGTCTGAGCATAGCTGAGCCCTGACCTTAGCCAGCCCAGGGCCCCACAGCTGCCACCTGTCTC
 CCAAGCCCCGGGAGTGGCTCCTGGCTGGACAGGGGGTACAGCCCTTTCTCAGGGACACACCCCTGATAGC
 ACAATCTCTGGGCCACCCAGGCTTCTCCTGGCTGGCCTTGGCCATCCTGGGGAGAACCAGGCTGGGTGG
 CAGGGGAGGCCGAGCCACCCTGGCTGTGGCAACCTGCCAGGCATCTCTGGTGTGGGACCCCGC
 CAGGCCTCGCTTGTGTGACCCACCCTGCCCCCGCATGTGGGAGCCCATCCCATGTGGGGTCTGTGT
 ACCGTTCTCTGTAGACCTTGTCTTCTGCAATAAACACGTGGATCTGCAAAAAAAAAAAAAAAAAAAAA AAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_145217
Insert Size: 597 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:	BC057556 , AAH57556
RefSeq Size:	2948 bp
RefSeq ORF:	597 bp
Locus ID:	208666
UniProt ID:	Q91Z61
Cytogenetics:	10 C1
Gene Summary:	Displays low GTPase activity and exists predominantly in the GTP-bound form. [UniProtKB/Swiss-Prot Function]