

Product datasheet for RC200740

DIRAS2 (NM_017594) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: DIRAS2 (NM_017594) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: DIRAS2
Synonyms: Di-Ras2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC200740 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTGAGCAGAGTAACGATTACCGGGTGGCCGTGTTTGGGGCTGGCGGTGTTGGCAAGAGCTCCCTGG
 TGTTGAGGTTTGTAAAGGCACATTCCGGGAGAGCTACATCCCGACGGTGAAGACACCTACCGCAAGT
 GATCAGCTGTGACAAGAGCATATGCACATTGCAGATCACCGACACGACGGGGAGCCACCAGTTCCCGGCC
 ATGCAGCGGCTGCCATCTCAAAGGGCAGCCTTCATCCTGGTGTACTCCATTACCAGCCGACAGTCTT
 TGGAGGAGCTCAAGCCCATCTACGAACAAATCTGCGAGATCAAAGGGGACGTGGAGAGCATCCCCATCAT
 GCTGGTGGGAACAAGTGTGATGAGAGCCCAGCCGCGAGGTGCAGAGCAGCGAGGCGGAGGCCCTTGCC
 CGCACATGGAAGTGTGCCTTCATGGAGACCTCAGCCAAGCTCAACCATAACGTGAAGGAGCTTTCCAGG
 AGCTGCTCAACCTGGAGAAGCGCAGGACCGTGAGTCTCCAGATCGACGGGAAAAAGCAAGCAGCAGAA
 AAGGAAAGAGAAGCTCAAAGGCAAGTGCCTGATCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RC200740 protein sequence
 Red=Cloning site Green=Tags(s)

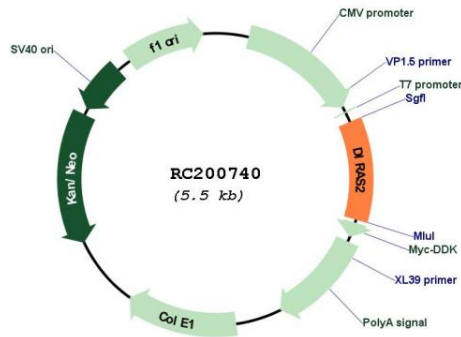
MPEQSNDYRVAVFGAGGVGKSSLVLRVFKGTFRESYIPTVEDTYRQVISCDKSICTLQITDTTGSHQFPA
 MQRLSISKGHAFILVYSITSRQSLLEELKPIYEQICEIKGDVESIPIMLVGNKCDESPSREVQSSEAEALA
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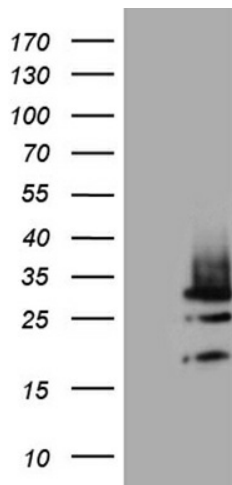


UniProt ID: [Q96HU8](#)
Cytogenetics: 9q22.2
Domains: ras, RAS, RHO, RAB
MW: 22.5 kDa
Gene Summary: DIRAS2 belongs to a distinct branch of the functionally diverse Ras (see HRAS; MIM 190020) superfamily of monomeric GTPases.[supplied by OMIM, Apr 2004]

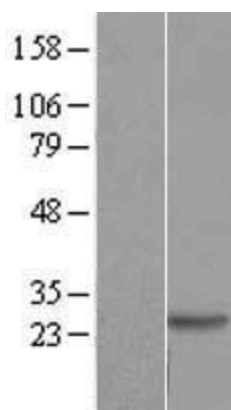
Product images:



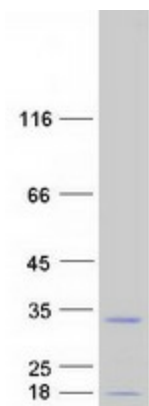
Circular map for RC200740



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY DIRAS2 (Cat# RC200740, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DIRAS2 (Cat# [TA809398])(1:2000). Positive lysates [LY413684] (100ug) and [LC413684] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY413684]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200740 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified DIRAS2 protein (Cat# [TP300740]). The protein was produced from HEK293T cells transfected with DIRAS2 cDNA clone (Cat# RC200740) using MegaTran 2.0 (Cat# [TT210002]).