

Product datasheet for **RC225464**

RHD (NM_001127691) Human Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | RHD (NM_001127691) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | RHD |
| Synonyms: | CD240D; DIIIc; RH; Rh4; RH30; RHCED; RhDCw; RHDel; RHDVA(TT); RhII; RhK562-II; RhPI; RHPII; RHXIII |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >RC225464 representing NM_001127691 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTCTAAGTACCCGCGTCTGTCCGGCGCTGCCTGCCCTCTGGGCCCTAACACTGGAAGCAGCTC
TCATTCTCCTCTTCTATTTTTTACCCACTATGACGCTTCCTTAGAGGATCAAAAGGGGCTCGTGGCATC
CTATCAAGTTGGCCAAGATCTGACCGTGATGGCGCCATTGGCTTGGGCTTCTCACCTCGAGTTCCGG
AGACACAGCTGGAGCAGTGTGGCCTTCAACCTTTCATGCTGGCGCTTGGTGTGCAGTGGCAATCCTGC
TGGACGGCTTCTGAGCCAGTTCCTTCTGGGAAGGTGGTCATCACACTGTTCAATTCGGCTGGCCAC
CATGAGTGCTTTGTCGGTGCTGATCTCAGTGGATGCTGTCTTGGGAAGGTCAACTGGCGCAGTTGGTG
GTGATGGTGTGGTGGAGGTGACAGCTTAGGCAACCTGAGGATGGTCATCAGTAATATCTCAACACAG
ACTACCACATGAACATGATGCACATCTACGTGTTGCGAGCCTATTTGGGCTGTCTGTGGCTGGTGCCT
GCCAAAGCCTCTACCCGAGGGAACGGAGGATAAAGATCAGACAGCAACGATACCCAGTTTGTCTGCCATG
CTGGGCGCCCTCTTCTTGTGGATGTTCTGGCCAAGTTTCAACTCTGCTCTGCTGAGAAGTCCAATCGAAA
GGAAGAATGCCGTGTTCAACACCTACTATGCTGTAGCAGTCAGCGTGGTACAGCCATCTCAGGGTCATC
CTTGGCTACCCCAAGGGAAGATCAGCAAGACTTATGTGCACAGTGGGTTGGCAGGAGCGGTGGCT
GTGGGTACCTCGTGTACCTGATCCCTTCTCCGTGGCTGGCATGGTGTGGTCTTGTGGCTGGGCTGA
TCTCCGTCGGGGGAGCCAAGTACCTGCCGTTTCTCATTGGCTGTTGGATTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001127691.3](#)

RefSeq ORF: 966 bp

Locus ID: 6007

UniProt ID: [Q02161](#)

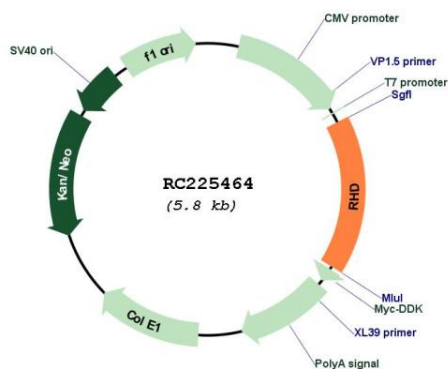
Cytogenetics: 1p36.11

Protein Families: Transmembrane

MW: 34.7 kDa

Gene Summary: The Rh blood group system is the second most clinically significant of the blood groups, second only to ABO. It is also the most polymorphic of the blood groups, with variations due to deletions, gene conversions, and missense mutations. The Rh blood group includes this gene, which encodes the RhD protein, and a second gene that encodes both the RhC and RhE antigens on a single polypeptide. The two genes, and a third unrelated gene, are found in a cluster on chromosome 1. The classification of Rh-positive and Rh-negative individuals is determined by the presence or absence of the highly immunogenic RhD protein on the surface of erythrocytes. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC225464