

DHCR7-7-dehydrocholesterol reductase Gene

Reference: PTXBC000054

| | | | |
|----------------|---|---------------------|----------------|
| Product type: | DNA | Storage Condition: | -20°C |
| Size/Quantity: | 2 ug | Delivery Condition: | +4°C, Blue Ice |
| Synonyms | SLOS; 7-dehydrocholesterol reductase; 7-DHC reductase; delta-7-dehydrocholesterol reductase; sterol delta-7-reductase | | |

For research use only.

| | |
|-------------------------|---|
| GENE DESCRIPTION | 7-dehydrocholesterol reductase |
| GENE ID | 1717 |
| ORIGIN SPECIES | Human |
| ACCESSIONS | BC000054 |
| VECTOR | pDONR223 |
| NCBI SYMBOL | DHCR7 |
| LENGTH | ProteoGenix bp |
| SEQUENCE PRIMERS | Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

ORF (Only for reference, product provided without STOP codon)

```
atggctcaaaatcgaacccaacattccaaagccaagctctagatggcgtcaccaatgacagaaccgcatctcaaggcagtgaggcctgcctggaggtggaactgtttctactgcgcagcgtcatctcctactctgcttgcctccctcatcgtctactactcatcatgcttctg
accagtacagctgcgccctgaccggcctgtgttgacatcgtcactggacatgctcggctctggacatctggccaagactccactataacgaggaagccgcccagctctatacctgtgtgacacctccagtgctctgtgtacacgtctctccctgactctgcataaagttttacc
cggctacgtaggagccatccagggagggggcctgactcctgcagggtgtggaacaagtatcagatcaacggcctgcaagcctggctctcacgcacactgctgtgttgcacaacgctcactctcctgctgttctcgcaccatcactcogacaactggatcccactgctgtgtgctg
ccaacatcctggcctatgcccctccaccttgcctatgtcaagggctactctcccacagcggcagagactgcaaatcaccagcaaatcttttacaactacatgatgggcatcgagttaaccctggatcgggaaggtgtgactcaagctgtcttcaatggcgccccgggatcg
tcgctggacctcaaacctgctcctgcagcgaagcagcgggagctccacagcctgtgacaaatgccatgttctcctgtgcaacgctcctgcaggccatctacgtgattgacttctcggaaacgaaacctggctacctgaagacctgacatctgccaatgaccacttccgtgttacctgg
gctggggcagctgtgtctgctgcttacttttacacgtgcagggctgctactgtgtgtaccacccccctgacgtgtccaccccgcagcctggtggcctcctgctgtggcctgtgtggctactacatctccgggtggccaaccaccagaaggacctgttccgccacggatggggc
ctgctcctctggggcaggaaagccaaggtcatcgagtgctctacacatcccgcaggcagagggcaccacagcaagctctgtgtgctggcttctggtggcctgtggcccactcaactacgtggcgacctgatgggcagcctggcctactgctggcctgtgctggcgccca
cctgctgcccacttctacatcatctacatggccatcctgctgaccacccgtcctcccggagcagcaccgctgcccagcaagtaagccgggactgggagcgtacaccccgactgcttaccgctgctgctgctggaatctctaa
```