

## SORD-sorbitol dehydrogenase Gene

Reference: PTXBC021085

|                |                                                                                               |                     |                |
|----------------|-----------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                           | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                          | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | HEL-S-95n; SORD1; L-iditol 2-dehydrogenase; epididymis secretory sperm binding protein Li 95n |                     |                |

**For research use only.**

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|-------------------------|---------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | sorbitol dehydrogenase                                                                            |
| <b>GENE ID</b>          | 6652                                                                                              |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC021085                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | SORD                                                                                              |
| <b>LENGTH</b>           | ProteoGenix bp                                                                                    |
| <b>SEQUENCE PRIMERS</b> | Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT<br>Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

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

atggcggcgccgccaagcccaacaccccttccctgggtgacgacgggggacttgcgcctggagaactatcctacccctgaaccagcccaaatgaggtcttctgagggatgattctgttgaatctgtggctcagatgtccactactgggagatggcgaattgggaattttattgtgaaaaagcccatgggtctgggacatgaagcttcgggaacagtcgaaaaagtggtgatcgtgtaaaagcacctaaaccaggtgatcgtgttgcacagcctgggtgctccccgagaaaaatgatgaattctgcaagatggccgatacaatctgtcacctccatctctctgtgcccacgcccccgatgacgggaacctctgcccgttctataagcacaatgcagcctttgttacaagcttctgacaatgtcacctttgaggaaaggcgcctgatcgagccactttctgtgggatccatgcctgcaggagagcggaggttaacctgggacacaaggtccttgtgtgagctgggccaatcgggatggctacatttctctgtggcacaagcaatgggagcagctcaagtagtgggtgactgatctgtctgctacccgattgtccaaagccaaggagattggggctgatttgcctccagatctccaaggagagccctcaggaaatcggcaggaaagtagaaggtcagctgggggtgcaagccggaagtcaccatcgagtcacggggcgagggccctccatccaggcgggcatctacgccaatcgcctgtgtgggacccctgtgcttggggctgggctctgagatgaccacgtaccctactgcatgcagccatccgggaggtggatcaaggcgtgttctgatactgcaacacgtggccagtgccgatttctgatcttgcgtccaagctctgtaattgtaaaacccctcgtcacccataggtttcctctggagaagcctctggaggccttgaacatttaaaagggttgggttgaaatcatgctcaagtgtgacccagtgaccagaatccctga