



## Reference: PTXBC008960

|                |                                                                                                                                                          |                     |                |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                      | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                     | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | LPIPOX; peroxisomal sarcosine oxidase; L-pipecolate oxidase; L-pipecolic acid oxidase; PSO; pipecolic acid oxidase; pipecolic acid and sarcosine oxidase |                     |                |

**For research use only.**

|                         |                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | pipecolic acid oxidase                                                                            |
| <b>GENE ID</b>          | 51268                                                                                             |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC008960                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | PIPOX                                                                                             |
| <b>LENGTH</b>           | ProteoGenix bp                                                                                    |
| <b>SEQUENCE PRIMERS</b> | Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT<br>Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

atggcggcgcagcaagaatctctgggacgccattgtgattggggcggggatccagggtgtctctactgtatccacctggccaaacacagggaaggaatctctctgtgtggagcgtttcttctaccacactccagggaagctcccatggcaaaagccggaataatccgaagggctacctg  
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tataaattaacatgaataaacatcttcatgcttgcacacctttttcaacacgtttttcccaagctgtgcgaagacccctttta

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