

## TYW1-tRNA-yW synthesizing protein 1 homolog (*S. cerevisiae*) Gene

Reference: PTXBC015591

|                |                                                                                                                                                                                                                                                                 |                     |                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                                                             | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                                                            | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | RSAFD1; TYW1A; YPL207W; S-adenosyl-L-methionine-dependent tRNA 4-demethylwyosine synthase; radical S-adenosyl methionine and flavodoxin domain-containing protein 1; radical S-adenosyl methionine and flavodoxin domains 1; tRNA wybutosine-synthesizing prote |                     |                |

For research use only.

|                         |                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | tRNA-yW synthesizing protein 1 homolog ( <i>S. cerevisiae</i> )                                  |
| <b>GENE ID</b>          | 55253                                                                                            |
| <b>ORIGIN SPECIES</b>   | Human                                                                                            |
| <b>ACCESSIONS</b>       | BC015591                                                                                         |
| <b>VECTOR</b>           | pDONR223                                                                                         |
| <b>NCBI SYMBOL</b>      | TYW1                                                                                             |
| <b>LENGTH</b>           | ProteoGenix bp                                                                                   |
| <b>SEQUENCE PRIMERS</b> | Forward primer M13R (5'→3'): GTAAACGACGGCCAGT<br>Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

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

atggatctctcgcgatacatgggacacctctcacccttaataatcattatggataaacaggtttacatttattgggcttctgcttagcattagcctttgatttgtctcagattgtcatcaagacgcagggcaagaacttacaggaataatctgttccaaagcagctcaggattgatgacaaa  
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gattactga