

NOX4-NADPH oxidase 4 Gene

Reference: PTXBC040105

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	KOX; KOX-1; RENOX; NADPH oxidase 4; kidney oxidase-1; kidney superoxide-producing NADPH oxidase; renal NAD(P)H-oxidase		

For research use only.

GENE DESCRIPTION	NADPH oxidase 4
GENE ID	50507
ORIGIN SPECIES	Human
ACCESSIONS	BC040105
VECTOR	pDONR223
NCBI SYMBOL	NOX4
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

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

atggctgtgctgaggagctgctgcccaacgaagggttaaacacctctgctgttcatctgctctccatgaatgtcctgctttctggaacaccttctgctgtataacaaaggccagagatcactacctccaccagatgtggggctaggattgtgtctaaagcagacctcagcatctgttcttaacctcaactgcagccttattctttaccatgtgcccgaacaccttggcttacctccgagatcacagaaggttccaagcaggagaaccaggagattgtggataaaagcagaacattccattacattacgtgtgtgttactatctgtattttcaggcgtgcatgtggctgcccattctggtgaatgccctcaacttctcagtgaaftacagtgaaagctttgttgaactgaatgcagcaagataccgagatgaggatcctagaaaacttctcttcacaaactgttccctggcctgacaggggtgcatggtgtgtgtgtgtctattctcctcatgacagcctctacatagcaataagatttctaactatgatctcttctggtatatacctaaactcttcttctctctacatgctgctgacgttgcatgtttcaggagggtgctgtagagatcaaaactaatttagataccaccctcccgctgcatcagtttaaccgaaccagctctcagaataatttctaccagagtatttctcagaacatttcatgaaccttccctgaaggattttcaaaacggcagagtttaccagcacaaatttggaaagatttggatggaaagcccagattccaagctaatttccacagactggcttggatttctggaccttggctgctgactgtgcccgaagactttacaggtatataccggagcaataagccagtcaccatcatttgggtcataagtcacctcagatgtcatggaaatccgaatggtcaagaaaattttaaagcaagacctggtcagtatattactctacattgtccagtgatctgctgattagaaaatcatccattaccctcacaatgtgtccaaactgaaaccaaagcaacatttgggttcatcttaaaatagtaggagactggacagaacgatttcgagatttactgctcctcatctagtcgaagactccgaattctgcccctcattcaatctagaataatcccaagctgtatattgattggtgcttttggaaagtcatttggaggaatcactgaactatgagggtcagccctctgctggtgctggaggcattggagtaactcatttgcataatactcaacacctgttggatgactggaacacatacaagcttagaagactatacttttgggtatgcagagatatccagctctccgttgggttgcagatttactctgtattgtgcatacaagtttggcaagagaacagacctgactatgtcaacatccagctgtacctcagtcacaacagatgggatacagaagataattggagaaaaatcatgacactgaattcaagactgtttataggagctctcgtggaacttttggatgaataagcaaaatataacagaggaaaaacagttgggtgtttctgtgtgacccaattcactatccaagactctcataaactgagtaaccagaacaacatcatggaagaatttgaatacaataaagactcttccagctga