



Reference: PTXBC031060

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	HIWI2; MIWI2; piwi-like protein 4; piwi-like 4; testis tissue sperm-binding protein Li 85P; piwi like RNA-mediated gene silencing 4		

For research use only.

GENE DESCRIPTION	piwi-like 4 (Drosophila)
GENE ID	143689
ORIGIN SPECIES	Human
ACCESSIONS	BC031060
VECTOR	pDONR223
NCBI SYMBOL	PIWIL4
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

ORF1 (Only for reference, product provided without STOP codon):

atgtagctgaagagccgcaggtgaagcgcaggagcatgccgcgccacagtcgccacagagtggtggcgcatcaacagctccgcatctgctatagatctgtgattctagttaacaaatgaagcatctcttagcaatggctcttgggaacaagcaggaatctcaaacacgataaatagggaatactctctggtgatctcgaagtagcttcatggaaagagtggtgaaaaacaacacaggactttatgatttgatgactctgaccagagaaaaattggccacatctgagaaattgtaaaacaggttcacgtggaatactctgtaaaactgtgtaaacctctttaaactagatttccccaacagctgcgcgtacatcagctacattgacataatttcagattgacatcattgacagctcgtgaagattgcttacttattatgactcattgagatctccacaaacagaacaggaatcagctgcagctgcacatcttcttctgcaaaaagctagaaagaaggtcacaagattgtcgaactgaacacaaagaggtgagactataaagatgatactccccctgaagaggggagctgcctacagttccctccgtgtgcacgtgcttcaatcatcttcgaagaatctcaaaaagttgtccatgtgacaaattggcggaaactcttcagcgaacttcaagcttcagcgaacaaatgaaattcccccgacaanaattccccctggctgggttggccattctctgtgcatatttgaaggaagctcgtttgactgtgagtgagtgagtgacagctctccggatgagacggttctggaaatctgactctgctctcgaataacagcaactctctcatgatgacgtgactggttcagtagaagccacacacatctgcgaacgcggagtgccacccagagatgactgtgtggattactacaacagcagctgattatgattactgattcgcgaactgagcagcgcctggccagctgctgctgtgtgtgttgaagaagaagaaagacacagtgaggctgagctcagctcccccctgatacttgagctcttcttaacaggctgactgaccgacaacatctgatttcagctgatgaagcctgtggctgtaaaaagacagctctgacgtcttcaggccgccggcagcagcgcctggccagctgtgtggaacaatccaggaatgaatacactgctcgtttgaactagacgtctggggagctcatttggagccagatatactctgagccgcgattgtgcttcacagaataaattaatgccaagacacatctgtgcaacctgtgctgctgctgcagcttcggaacatattggaactctgcaagattttaaagtcagacatctttaaagtcagacagactgataatgttccgagagcttcttgaaactgttgagaagattgcaggttccatggttgaatgtggactacacccccaaaatcataaagtacaagaataaccagctgcattgttagagctatagacaatattgtgatctgattgtgcagctgtaattgtgcatctgcctcttaatcagaagacttaattgaccttaaaaaaatttgactgcagactgcgcgcgcctgaagcccaattgtgtgcttgcgtgacctgaataaacacagcagctgatgatgactctgcccaagatcgttcacagatcgtgcagatgctgcagctgcaggctgcgggctgagctggggctgtggaataatctttaaagcttcaagcttctgattgattctgtaaaatgacatcacaagagcgtgatggtgtgtggatgtgtggcgaagtgttaaccacgaatccagctgtgttctccctgtcttcacagaaacatgacatgattgtcagaattgtttagcagctgacacatacaaaattgccaagctacataatgattgagcagacatcagattgagcagcaggataattgtgtaccctgtcgtgtgtggggatgtgcagctgaaaaacatttgaataatgaagtccacacgtcgtgcagcagttggcgagaatccagctcaaataccagctcaagactgtcgggtgattgtggtcaggaagaagtgcatgccacgattcttaccgaatgaaccgcactgtacagaaccccccatctggcactgtgtgattgacagaagacacagcaagtgatgacttattatctgattgacagcagggtgcctgcggggagactgttagtctacctactataatctgacttattgatgacacagcgttgaagcccgaccataatgacagagacttaccatcaattggcactctactacaactgcggccggcgacattgctccacacagctcagttctgcacgaagctaccttctgtgcacaaagctcattataaagacacccatctgaaatgaacaaactcctcttctactgtga