ProteoGenix SAS
Espace Européen de l'Entreprise
15 rue de La Haye
67300 Schiltigheim, France
Tel. +33 (0)3 90 20 54 70 - Fax +33 (0)3 88 56 16 88
contact@proteogenix.fr
www.ProteoGenix.science

MSH5-mutS homolog 5 (E. coli) Gene

Reference: PTXBC041031

Product type:	DNA	Storage Condition:	-20°C
Size/Quantity:	2 ug	Delivery Condition:	+4°C, Blue Ice
Synonyms	MUTSH5; NG23; mutS protein homolog 5; mutS homolog 5		

For research use only.

GENE DESCRIPTION	mutS homolog 5 (E. coli)
GENE ID	4439
ORIGIN SPECIES	Human
ACCESSIONS	BC041031
VECTOR	pDONR223
NCBI SYMBOL	MSH5
LENGTH	ProteoGenix bp
SEQUENCE PRIMERS	Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT
	Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG

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

atggcctccttaggagcgaacccaaggaggacaccgcagggaccgagacctggggcggcctcctccggcttccccagcccggccccagtgccgggccccagggaggccgaggaggaggaagtcgaggaggaggaggagctggccgagatccatctgtgtgtgctgtggaattc
aggatacttgggcattgcctactatgatactagtgactccactatccacttcatgccagatgccccagaccacgagagcctcaagcttctccagagagttctggatgagatcaatccccagtctgttgttacgagtgccaaacaggatgagaatatgactcgatttctgggaaagcttgcctccc
aggagcacagagagcctaaaagacctgaaatcatatttttgccaagtgtggattttggtctggagataagcaaacaacgcctcctttctggaaactactccttcatcccagacgccatgactgccactgagaaaatcctcttcctctcttccattattccctttgactgcctcctcacacccccagga
gatttaagatttaccccgattccactgctgatcccctcccaggttcgagcacttggagggctgctgaagttcctgggtcgaagaagaatcggggttgaactggaagactataatgtcagcgtccccatcctgggctttaagaaatttatgttgactcatctggtgaacatagatcaagacacttac
agtgttctacagatttttaagagtgagtctcacccctcagtgtacaaagtggccagtggactgaaggaggggctcagcctctttggaatcctcaacagatgccactgtaagtggggagagaagctgctcaggctatggttcacacgtccgactcatgacctgggggagctcagttctcgtctg
gacgtcattcagtttttctgctgccccagaatctggacatggctcagatgctgcatcggctcctgggtcacatcaagaacgtgcctctgattctgaaacgcatgaagttgtcccacaccaaggtcagcgactggcaggttctctacaagactgtgtacagtgccctgggcctgagggatgcct
gccgctccctgccgcagtccatccagctctttcgggacattgcccaagagttctctgatgacctgcaccatatcgccagcctcattgggaaagtagtggactttgagggcagccttgctgaaaatcgcttcacagtcctccccaacatagatcctgaaattgatgagaaaaagcgaagactgat
gggacttcccagtttccttactgaggttgcccgcaaggagctggagaatctggactcccgtattccttcatgcagtgtcatctacatccctctgattggcttccttctttctattccccgcctgccttccatggtagaggccagtgactttgagattaatggactggacttcatgtttctctcagaggag
aagctgcactatcgtagtgcccgaaccaaggagctggatgcattgctgggggacctgcactgcgagatccgggaccaggagacgctgctgatgtaccagctacagtgccaggtgctggcacgagcagctgtcttaacccgagtattggaccttgcctcccgcctggacgtcctgctggct
cttgccagtgctgcccgggactatggctactcaaggccgcgttactccccacaagtccttggggtacgaatccagaatggcagacatcctctgatggaactctgtgcccgaacctttgtgcccaactccacagaatgtggtggggacaaagggagggtcaaagtcatcactggacccaact
catcagggaagagcatatacctcaaacaggtaggcttgatcacattcatggccctggtaggcagctttgtgccagcagaggaggccgaaattggggcagtagacgccatcttcacacgaattcatagctgcgaatccatctcccttggcctctccaccttcatgatcgacctcaaccagcag
gtggcgaaagcagtgaacaatgccactgcacagtcgctggtccttattgatgaatttggaaagggaaccaacacggtggatgggctcgcgcttctggccgctgtgctccgacactggctggcacgtggacccacatgcccccacatctttgtggccaccaactttctgagccttgttcagcta
caactgctgccacaagggcccctggtgcagtatttgaccatggagacctgtgaggatggcaacgatcttgtcttcttctatcaggtctcagacttgatccgcagtggaaaacccatcaagcctgtcaaggatttgctaaagaagaaccaaatggaaaattgccagacattagtggataagtttat
gaaactggatttggaagatcctaacctggacttgaacgttttcatgagccaggaagtgctgcctgctgccaccagcatcctctga