SPATA2 cDNA Clone – Spermatogenesis Associated 2 (Human)

PRODUCT OVERVIEW

Product Name	SPATA2, cDNA Clone
Full Product Name	SPATA2 cDNA Clone
Product Gene Name	SPATA2 cdna clone
Sequence	atggggaagc ccagttcaat ggatactaaa ttcaaggatg acttatttcg gaagtacgtg cagttccatg agagcaaagt ggataccacc accagcaggc agcggcctgg cagcgatgag tgcctgcggg tggcagcctc aaccctgctc agcctgcaca aggtggatcc cttttatcga ttccggctga tccagttcta tgaggtggtg gagagctcct tgcgctcgct cagctcctct agcctgcggg ctctgcacgg cgccttcagc atgctggaga cggtgggcat caacctcttc ctctacccgt ggaagaagga attcagaagc atcaagacct acacgggccc ttttgtttat tatgtcaagt cgacattact ggaagaggac atccgagcca tcctgagctg catgggctac acacctgagc tgggcactgc atacaagctc agagagctcg tggagaccct ccaggtgaag atggtctcct ttgagctctt tctggccaaa gtcgagtgtg agcagatgct agaaatccac tcacaagtga aggacaaggg ctactccgag ctggacattg tgagcgagcg caagagcagt gcagaggatg tgcgcggctg ctcggacgcc ctgcggcggc gggcagaggg ccgggagcac ctgacggcct ccatgtcacg agtggcactc cagaagtcgg ccagcgagcg ggcggccaag gactactaca agccccgcgt gaccaagccc tcgaggtcag tggatgccta tgacagctac tgggagagcc ggaagccacc cctgaaggcc tcattgagtc ttcggaagga gcctgtggca acggatgtgg gggacgacct caaggatgag atcatccgcc catccccttc gctgctgacc atggccagct ccccccacgg cagcccggat gtgcttccac ccgcctcccc cagcaacggc ccggccctgc tgcgcggtac ctacttctcc actcaggatg acgtggatct gtacacagac tctgaaccca gggccaccta ccgtcggcag gatgctctgc ggccggatgt gtggctgctc agaaacgatg cccactccct ctaccacaag cgctcgcccc ctgccaaaga gtccgccctc tccaagtgcc aaagctgcgg gctgtcctgc agctcctccc tctgccagcg ctgtgacagc ctgctcacct gtcctccagc ttccaagccc agcgccttcc ccagcaaggc ctcgactcat gacagcctgg cccacggggc atctctgcgg gagaagtacc caggccagac tcagggcctc gaccgcctcc cgcaccttca ctccaaatcc aagccctcca ccacgcccac ttcccgctgt ggcttctgca accgcccagg cgccaccaac acctgcaccc agtgttcaaa agtctcatgt gacgcctgcc tcagcgctta ccattatgac ccctgctaca aaaagagtga gctgcacaag ttcatgccca acaaccagct gaactacaag tccacccagc tctcccatct cgtgtacaga tag
Molecular Weight	58,427 Da
OMIM	607662
Vector	pENTR223.1 or pUC
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SPATA2 cdna clone	MBS1272860 is a cDNA clone targeting SPATA2.
Other Notes	Small volumes of SPATA2 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SPATA2. It may not necessarily be applicable to this product.

NCBI GI #	33874745
NCBI GeneID	9825
NCBI Accession #	BC009481
UniProt Secondary Accession #	O94857; E1P626
UniProt Related Accession #	Q9UM82
NCBI Official Full Name	Homo sapiens spermatogenesis associated 2, mRNA
NCBI Official Synonym Full Names	spermatogenesis associated 2

NCBI Official Symbol	SPATA2
NCBI Official Synonym Symbols	PD1; tamo; PPP1R145
UniProt Protein Name	Spermatogenesis-associated protein 2
UniProt Synonym Protein Names	Spermatogenesis-associated protein PD1
Protein Family	Spermatogenesis-associated protein
UniProt Gene Name	SPATA2
UniProt Synonym Gene Names	KIAA0757; PD1
UniProt Entry Name	SPAT2_HUMAN
NCBI Protein Information	spermatogenesis-associated protein 2
UniProt Comments for SPATA2	SPATA2: May have a role in the regulation of spermatogenesis. Belongs to the SPATA2 family. Protein type: Unknown function Chromosomal Location of Human Ortholog: 20q13.13 Cellular Component: cytoplasm; nucleolus; nucleus Molecular Function: protein binding
Research Articles on SPATA2	**1.** The aim of this study was to investigate whether the HCP5, TNIP1, TNFAIP3, SPATA2 and COG6 genes were genetic risk factors for psoriasis in Chinese population.
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