UTP14C cDNA Clone – UTP14, U3 Small Nucleolar Ribonucleoprotein, Homolog C (Yeast) (Human)

PRODUCT OVERVIEW

Product Name	UTP14C, cDNA Clone
Full Product Name	UTP14C cDNA Clone
Product Gene Name	UTP14C cdna clone
Sequence	ATGAATGTGA ACCAGGTTGC AGAGAATCTG GCTTTGAGCC ACCAGGAACA ACTAGTGGAT TTGCCAAAAA ACTACCCCTT GAGTGAAAAT GAAGATGAGG GGGACAGTGA TGGAGAGAGA AAGCATCAAA AGCTTCTGGA AGCAATCATT TCCCTTGATG GAAAGAATAG GCGGAAATTG GCTGAGAGGT CTGAGGCTAG TCTGAAAGTG TCAGAGTTCA GTGTCAGTTC TGAAGGATCA GGAGAAAAGC TGGGCCTTGC AGATCTGCTT GAGCCCGTTA AAACTTCATC TTCTTTGGCC ACTGTAAAAA AGCAACTGAA TAGAGTCAAA TCAAAGAAGG TGGTGGAGTT ACCTCTTAAC AAAGAAAAAA TTGAACAGAT CCACAGAGAA GTAGCATTCA GTAAAACCTC ACAGGTCCTC TCCAAATGGG ACCCTATCAT CCTGAAGAAC CAGCAGGCAG AGCAGCTGGT TTTTCCCCTG GGGAAGGAGC AGCCAGCCAT TGCTCCCATT GAACATGCGC TCAGTGGCTG GAAGGCAAGA ACTCCCCTGG AGCAGGAAAT TTTTAACCTC CTCCATAAGA ACAAGCAGCC AGTGACAGAT CCTTTACTGA CTCCCATGGA AAAGGCCTCT CTCCAAGCCA TGAGCCTGGA AGAGGCAAAG ATGCACCGAG CAGAGCTTCA GAGGGCTCGG GCTCTGCAGT CCTACTATGA GGCCAAGGCT CGAAAAGAGA AGAAAATCAA AAGTAAAAAG TATCACAAAG TCGTGAAGAA AGGAAAGGCC AAGAAAGCCT TAAAAGAGTT TGAGCAGCTA CAGAAGGTTA ATCCAACTGT GGCACTGGAA GAAATGGAAA AAATTGAAAA TGCCAGAATG ATGGAAAGAA TGAGCCTTAA GCACCAAAAC AGTGGGAAAT GGGCCAAGTC AAAGGCAATT ATGGCCAAAT ATGACCTGGA GGCTCGCCAA GCTATGCAGG AACAGTTGGC CAAGAACAAA GAACTGACAC AGAAACTCCA GGTAGCCTCT GAGAGTGAGG AAGAGGAGGG AGGCACAGAA GTGGAAGAAC TCCTTGTCCC TCATGTAGCG AATGAAGTGC AGATGAATGT GGACGGACCG AATCCCTGGA TGTTCAGGAG CTGCACCAGT GACACCAAAG AGGCTGCAAC ACAGGAGGAC CCTGAGCAAG TGCCAGAGCT TGCAGCTCAT GAGGTTTCTG CAAGTGAGGC AGAAGAAAGA CCAGTGGCAG AGGAAGAAAT TTTGTTGAGA GAATTTGAGG AAAGGCAATC CCTTAGAAAA AGATCTGAGC TCAACCAGGA TGCTGAGCCA GCAAGCAGTC AAGAAACAAA AGATTCTAGC AGCCAGGAGG TGCTGTCCGA ATTGAGGGCA CTATCTCAGA AATTGAAGGA AAAACATCAG TCCAGGAAGC AAAAAGCAAG TTCAGAGGGG ACTGTTCCCC AGGTCCAGAG AGAGGAACCT GCCCCAGAAG AAGCGGAACC CCTATTGCTA CAGAGGTCAG AGAGAGTACA AACTCTGGAA GAGCTAGAAG AGCTGGGAAA AGAAGATTGT TTTCAAAATA AGGAGCTTCC CAGACCTGTG TTAGAAGGAC AGCAGTCAGA GAGGACCCCA AATAATCGGC CTGATGCCCC TAAGGAGAAG AAAGAGAAGG AGCAACTGAT CAACCTACAG AACTTCCTGA CCACACAGTC TCCTTCCGTG AGGTCTTTGG CAGTTCCCAC AATAATAGAG GAGCTGGAAG ATGAAGAGGA GAGAGACCAA AGGCAGATGA TAAAGGAAGC TTTTGCTGGG GATGATGTCA TCAGAGATTT CTTGAAAGAG AAGAGGGAAG CTGTGGAGGC GAGTAAGCCA AAGGACGTGG ACCTGACACT ACCTGGCTGG GGCGAGTGGG GTGGTGTGGG CCTAAAGCCC AGTGCCAAGA AAAGACGCCA GTTTCTCATT AAAGCCCCTG AGGGTCCTCC AAGAAAAGAT AAGAATTTGC CAAATGTGAT TATCAGTGAG AAGCGCAACA TCCACGCAGC AGCTCATCAG GTACAAGTGC TTCCATATCC ATTTACCCAC CATCGGCAAT TTGAAAGGAC CATCCAGACC CCTATAGGAT CCACATGGAA CACCCAGAGG GCTTTCCAAA AGCTGACTAC TCCCAAGGTC GTCACCAAGC CAGGCCATAT CATTAAGCCC ATAAAAGCAG AGGATGTGGG CTACCAGTCT TCCTCAAGGT CAGACCTGCC TGTCATACAG AGGAATCCAA AACGAATCAC CACACGTCAC AATAAAGAAG AAAAACTGTA G
Molecular Weight	87,188 Da
OMIM	608969
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 UTP14C cdna clone	MBS1270458 is a cDNA clone targeting UTP14C.

Other Notes	Small volumes of UTP14C 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 UTP14C. It may not necessarily be applicable to this product.

NCBI GI #	115305103
NCBI GeneID	9724
NCBI Accession #	BC122536
UniProt Secondary Accession #	Q5FWG3; Q92555
UniProt Related Accession #	Q5TAP6
NCBI Official Full Name	Homo sapiens UTP14, U3 small nucleolar ribonucleoprotein, homolog C (yeast), mRNA
NCBI Official Synonym Full Names	UTP14, small subunit processome component homolog C (S. cerevisiae)
NCBI Official Symbol	UTP14C
NCBI Official Synonym Symbols	UTP14B; KIAA0266; 2700066J21Rik
UniProt Protein Name	U3 small nucleolar RNA-associated protein 14 homolog C
Protein Family	U3 small nucleolar RNA-associated protein
UniProt Gene Name	UTP14C
UniProt Synonym Gene Names	KIAA0266
UniProt Entry Name	UT14C_HUMAN
NCBI Protein Information	U3 small nucleolar RNA-associated protein 14 homolog C
UniProt Comments for UTP14C	UTP14C: Essential for spermatogenesis. May be required specifically for ribosome biogenesis and hence protein synthesis during male meiosis. Belongs to the UTP14 family. Protein type: Nucleolus Chromosomal Location of Human Ortholog: 13q14.2 Cellular Component: nucleolus; small subunit processome Biological Process: maturation of SSU-rRNA
Research Articles on UTP14C	**1.** We hypothesize that women, whose ovaries express UTP14c, are predisposed to ovarian cancer due to the disruption of protective signals that normally trigger TP53-mediated apoptosis and the dysregulation of genes that promote oncogenesis
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