WDR33 cDNA Clone – Wd Repeat Domain 33 (Human)

PRODUCT OVERVIEW

Product Name	WDR33, cDNA Clone
Full Product Name	WDR33 cDNA Clone
Product Gene Name	WDR33 cdna clone
Sequence	atggctacag aaattggttc tcctcctcgt tttttccata tgccaaggtt ccagcaccag gcacctcgac agctgtttta taagcgacct gattttgcac aacagcaagc aatgcaacag cttacttttg atggaaaacg aatgagaaaa gctgtgaacc gaaaaaccat agactacaat ccatctgtaa ttaagtattt ggagaacaga atatggcaaa gagaccagag agatatgcgg gcaattcagc ctgatgcagg ttattacaat gatctggtcc cacctatagg aatgttgaat aatcctatga atgcagtaac aacaaaattt gttcggacat caacaaataa agtaaagtgt cctgtatttg ttgttaggtg gactccagaa ggaagacgct tggtcactgg agcttctagt ggggagttta ccctgtggaa tggactcact ttcaattttg aaacaatatt acaggctcac gacagcccag tgagggccat gacgtggtca cataatgaca tgtggatgtt gacagcagac cacggaggat atgtgaaata ttggcagtcg aacatgaaca acgtcaagat gttccaggca cataaggagg cgattagaga ggccaggttt atacacaata taccattttc tgtagtccct attgtcatgg ttaaattatt ctctaagtgt attctgggtg cagagatgca tgggctctgt cagtttctgg gaaactttct gcaccctata aacacaatat ttttctttgt tttcacacat tcaccatttt gctggcacct ttctgaagta gtgttgtccc ggtatcagcc tttgcaatat gttagagatg tactgtctgc cgcattttgc actggttttc tcttttcatt tatgattaat aatgtgtata cgttattcct ttttattatc tactgtgtaa gacaagaata tttcattcca aataaagaat tcagtcttta a
Molecular Weight	30,288 Da
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 WDR33 cdna clone	MBS1269354 is a cDNA clone targeting WDR33.
Other Notes	Small volumes of WDR33 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 WDR33. It may not necessarily be applicable to this product.

NCBI GI #	33874090
NCBI GeneID	55339
NCBI Accession #	BC013990
UniProt Secondary Accession #	Q05DP8; Q53FG9; Q587J1; Q69YF7; Q6NUQ0; Q9NUL1
UniProt Related Accession #	Q9C0J8
NCBI Official Full Name	Homo sapiens WD repeat domain 33, mRNA
NCBI Official Synonym Full Names	WD repeat domain 33
NCBI Official Symbol	WDR33
NCBI Official Synonym Symbols	NET14; WDC146
UniProt Protein Name	pre-mRNA 3' end processing protein WDR33
UniProt Synonym Protein Names	WD repeat-containing protein 33; WD repeat-containing protein WDC146
Protein Family	pre-mRNA 3' end processing protein

UniProt Gene Name	WDR33
UniProt Synonym Gene Names	WDC146
UniProt Entry Name	WDR33_HUMAN
NCBI Protein Information	pre-mRNA 3' end processing protein WDR33
NCBI Summary for WDR33	This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene is highly expressed in testis and the protein is localized to the nucleus. This gene may play important roles in the mechanisms of cytodifferentiation and/or DNA recombination. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
UniProt Comments for WDR33	WDR33: a nuclear WD40 repeat protein. WD40 repeats are found in a number of eukaryotic proteins that coordinate multi-protein complex assemblies. WD40 proteins are implicated in many functions including adaptor/regulatory modules in signal transduction, pre-mRNA processing and cytoskeleton assembly. Protein type: Adaptor/scaffold Chromosomal Location of Human Ortholog: 2q14.3 Cellular Component: mRNA cleavage and polyadenylation specificity factor complex; nucleolus; nucleus Biological Process: mRNA cleavage
Research Articles on WDR33	**1.** showed that WDR33 binds in and very close to the AAUAAA signal in vivo with high specificity
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