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Product datasheet for SC301106

ZNF473 (NM_001006656) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF473 (NM_001006656) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF473
Synonyms:	ZFP100; ZN473
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>SC301106 representing NM_001006656.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTGAGGAATTTGTGACCCTCAAGGATGTCGGCATGGACTTCACCTTGGGAGACTGGGAGCAGCTC
GGGCTGGAACAGGGGGACACGTTCTGGGACACAGCGTTGGACAATTGCCAGGACCTCTTCCTGCTGGAC
CCCCCAAGACCCAACCTGACCTCCCACCCAGATGGCAGTGAAGATCTGGAGCCTCTGGCAGGAGGAAGC
CCAGAAGCAACAAGCCCTGATGTGACTGAGACCAAGAACTCTCCTCTGATGGAGGATTTCTTCGAAGAA
GGATTCTCCCAGGAGATTATAGAGATGTTATCCAAGGATGGCTTCTGGAACTCCAATTTCGGAGAAGCC
TGTATAGAGGACACCTGGTTAGATAGTTTGCTAGGCGATCCAGAAAGTCTTCTGAGGTCTGATATTGCC
ACCAACGGGGAAAGTCCCACGGAATGCAAGAGTCATGAATTAAAGAGAGGACTCAGTCCTGTGTCCACC
GTTTCCACGGGAGAAGATTCCATGGTGCATAATGTTTCTGAAAAGACCCTCACACCAGCTAAGTCTAAG
GAATATAGGGGTGAGTTTTTCTCCTACTCCGACCACAGCCAGCAGGATTCTGTTCAGGAAGGGGAGAAA
CCATATCAATGTAGTGAATGTGGGAAAAGCTTCAGTGGGAGTTACCGTCTTACCCAGCACTGGATCACT
CATACTAGGGAGAAACCCACTGTCCATCAAGAGTGTGAGCAAGGTTTTGACCGGAATGCTTCCCTTTCT
GTGTATCCGAAAACTCACACGGGCTACAAATTCTATGTGTGTAATGAATATGGGACAACTTTTAGTCAG
AGTACATACCTGTGGCATCAGAAAACTCACACTGGAGAAAAACCATGTAAGAGTCAAGATAGTGACCAC
CCACCCAGTCATGACACACAGCCTGGTGAGCATCAGAAAACTCACACAGATAGTAAGTCCTACAACTGT
AACGAATGCGGCAAGGCTTTTACCCGGATCTTCCACCTTACTCGGCACCAGAAGATCCACACTCGGAAA
CGCTATGAGTGTTCCAAGTGCCAGGCGACCTTCAACTTGAGAAAACACCTCATCCAACATCAGAAAACT
CACGCTGCAAAAACTACCTCTGAGTGTCAGGAGTGTGGGAAGATTTTTAGGCACAGTTCGCTGCTCATT
GAACACCAGGCTCTTCATGCTGGAGAGGAGCCTTATAAGTGTAACGAACGTGGGAAATCCTTCAGGCAT
AACTCTACCCTAAAGATCCATCAGAGGGTTCACAGTGGAGAGAAGCCTTACAAATGCAGTGAGTGTGGG
AAGGCCTTCCACCGGCACACTCACCTTAATGAACATCGGCGAATTCATACAGGCTACAGACCCCACAAA
TGTCAGGAATGCGTCAGGAGTTTCAGCCGGCCCTCACATCTGATGCGACATCAGGCCATTCACACCGCA
GAAAAGCCCTATAGCTGTGCTGAATGCAAGGAGACTTTCAGCGATAACAATCGCCTTGTGCAACACCAG
AAAATGCACACTGTCAAAACCCCATATGAATGTCAGGAGTGCGGAGAACGCTTCATTTGCGGCTCAACC
CTGAAGTGCCACGAGAGTGTTCACGCCAGAGAAAAACAAGGATTTTTTGTGAGTGGGAAGATCTTGGAT
CAGAACCCAGAACAGAAAGAGAAGTGCTTTAAGTGTAACAAATGTGAGAAAACCTTTAGCTGCAGCAAA
TACCTAACTCAGCACGAGAGGATTCACACCAGGGGAGTGAAGCCCTTTGAATGTGACCAGTGTGGGAAA
GCCTTTGGCCAAAGTACTCGGCTCATTCACCATCAAAGAATCCACTCTAGAGTGAGGCTGTATAAATGG
GGTGAGCAAGGGAAAGCCATCAGCAGTGCCTCCCTTATCAAACTTCAGTCCTTCCACACAAAGGAGCAC
CCTTTTAAATGTAACGAATGCGGAAAGACCTTCAGCCACAGTGCACACCTCTCAAAACATCAGTTAATT
CACGCTGGAGAGAATCCCTTTAAATGTAGTAAGTGTGACAGAGTCTTCACCCAGAGAAACTACCTTGTT
CAGCATGAGCGAACTCATGCCAGAAAGAAGCCGTTGGTGTGTAACGAATGCGGGAAAACGTTCCGTCAG
AGCTCATGCCTTTCTAAGCATCAGAGAATTCACTCAGGTGAGAAGCCCTATGTATGTGATTACTGCGGG
AAGGCCTTCGGCCTGAGTGCTGAGCTTGTCCGCCACCAGAGAATTCACACTGGAGAAAAGCCTTATGTT
TGTCAGGAATGCGGGAAAGCCTTCACCCAGAGCTCATGCCTTTCTATTCACCGGAGAGTTCACACTGGG
GAGAAGCCCTACAGATGTGGTGAATGTGGGAAAGCCTTTGCCCAGAAAGCAAATCTAACACAGCACCAG
AGAATTCACACAGGGGAGAAGCCTTACTCCTGTAATGTGTGTGGCAAAGCTTTTGTCCTCAGTGCCCAT
CTCAACCAGCACCTGAGAGTTCACACCCAGGAGACACTTTATCAGTGTCAACGTTGCCAGAAAGCCTTT
CGGTGCCACTCGAGCCTCAGCCGCCATCAGCGTGTACACAACAAGCAGCAATACTGCCTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

ACCN: NM_001006656

Insert Size: 2616 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001006656.3
RefSeq Size:	4651 bp
RefSeq ORF:	2616 bp
Locus ID:	25888
UniProt ID:	Q8WTR7
Cytogenetics:	19q13.33
MW:	100.2 kDa
Gene Summary:	This gene encodes a member of the Krueppel C2H2-type zinc-finger family of proteins. The encoded protein, a component of the U7 snRNP complex, plays a role in histone 3'-end pre-mRNA processing and may be required for cell cycle progression to S phase. Expression level and methylation status of this gene may be correlated with bone mineral density. [provided by RefSeq, Jul 2016] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode isoform 1.