

Product datasheet for SC331757

ZNF48 (NM_001214909) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZNF48
Synonyms:	ZNF553
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331757 representing NM_001214909. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGAGCGCGGTAGAGCCTTGGGGCCAGATCTCCACGCCCGGAGGAGAGGCCACAGAGAGGC
GCCCCGACAGGTCTAGGGAGTGAGAACGTGATTCTCAGCCGAATGAGTTTGAACATACCCACAGGAA
GATGACTTGGGGTCAAGGAAGAAGATTTGGCTCCAGATCATGAAGTAGGAAATGCCTCTCTCAACCT
GAAGGCATCCAGAACTGGGATGACTTATGGGTCCAGAGAGAGGGTCTAGGAAAGCCTCAGCCTCGGGAC
AGAGGCCCCCGGCTCCTGGGTGAACACGCTGGGGCCAGGCTAGTAGTGATCGGGCCGCTGTGTGTGGT
GAGTGTGGCAAAAGCTTCAGGCAGATGTCAGATCTGGTGAAACACACGCGGACCCACACAGGGGAGAAA
CCCTACAAGTGTGGGGTCTGTGGCAAGGGCTTTGGGGATAGCTCTGCCCGGATCAAACACAGCGGACT
CATAGTGGGGAGAAGCCCTATAGAGCCCGGCCACAGCCAGGGTCCCCAAAGATTCTCGGTCCCGG
ATCCCTGCTGGTGAGCGCCCCACTATCTGTGGTGAATGTGGCAAGAGCTTCGGGCAGAGTTCTGACCTG
GTGAAACACAGCGGACACACACTGGTGAGAAGCCCTACAAGTGTGGCATATGTGGCAAGGGCTTTGGC
GACAGTTCCGCCCGCATCAAGCACAGCGGACACACCGGGGGAGCAGCCCCCGGACAGTGGTGCCC
CGACGGCAGCCATCTCGGGCAGCCACGGCAGCTACCCAGGGACCGAAGGCCAGGACAAGCCATATATC
TGCACTGATTGCGGCAAGAGGTTTGTGCTCAGCTGCAGCCTCTGAGTCAACAGCGTAGTCACTTGGGG
CCCAAGCCCTTTGGCTGTGATGTGTGTGGAAAGGAGTTTGCCCGGGGATCCGACCTGGTGAAGCACCTG
CGGGTGACACGGGTGAGAAGCCCTACCTCTGCCAGAGTGCGGCAAGGTTTCGCGGACAGCTCCGCC
CGAGTCAAACACCTCCGCACCCACAGTGGCGAGAGGCCCATGCTGCCCGGAATGCGACCGTACCTTC
AGCCTCAGCTCCACCCTTCTTCGCCACCGCCTCACTCACATGGAGCCCCAGGACTTCAGCTTCCAGGC
TATCCCTACCCGCTCTGATCCCCAGCCACCCCACTCTCTGGGCACAGCCCCCGCTGACACCT
CGAAGTCCCTCACACTCGGGTGAGCCTTTTGGCCTGCCTGGCTTGAGCCAGAGCCTGGGGGCCACAG
GCTGGGAGCCACCCCACTGGCGGGGACAAGCCCCACAAGTGCCCTGAGTGTGGCAAGGGCTTC
CGCCGAAGCTCTGACCTGGTGAACACCATCGTGTGCACACAGGGGAGAAACCTACCTCTGTCTGAA
TGCGGCAAGGGTTTGTGACAGCTCAGCCGAGTCAAGCACCTCCGCACCCACCGTGGTGAACGGGCC
CGGCCACCAACCATCACTCTGCTGCGGCCACATAACCCACCTGGCCAGTACCCATGGCCCCCTGA
CCCCGAGTTCGGGCCAGCCTTCTGGACCCAGCCAGCCCCAGTGTGTGGCTTCTGTGGGAAGGAGTTC
CCCCGGAGCTCAGATCTGGTCAAACACAGGCGTACACACAGGGGGAGAAAGCCATACAAGTGTGCAGAG
TGTGGCAAGGGTTTGTGACAGTTCTGCCGCATCAAGCACAGCGTGGGCACCTGGTCTGACGCC
TTTGGGATAGGGGATGGTAGGGCAAGGCCCTCAAGCAGGAGGCAGCAACAGGACTGGAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001214909
Insert Size:	1857 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001214909.1</u>
RefSeq Size:	3357 bp
RefSeq ORF:	1857 bp
Locus ID:	197407
UniProt ID:	<u>Q96MX3</u>
Cytogenetics:	16p11.2
MW:	67.8 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) has an alternate 5' UTR, compared to variant 1. Variants 1, 2 and 3 all encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.