

Product datasheet for **SC337392**

ZNF778 (NM_001201407) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF778 (NM_001201407) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF778
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001201407, the custom clone sequence may differ by one or more nucleotides

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ATGGCAGCCCCTGACCTGGCCACGGAGGTCATGTTTCTAGGGACTCAGTCTGCCTTCATGAAGAACAGA
CACAGGCAGCAGGGATGGTGGCTGGCTGGCTGATAAATTGTTACCAGGACGCGGTGACCTTTGACGACGT
GGCTGTGGACTTCACCCAGGAGGAATGGACTTTACTGGACCCATCTCAGAGAGACCTCTACAGAGATGTG
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TGGAGCAGGAAGAGGAGTTGAGGCGAGGCGGAGAGCAGTTCTCCAAGAATGGCGACTTAAACCAAAGG
GCCAGCACTTCGGCAGGATAGATCTTGGTTCAGAGCATCAAATGAGACACAGACGGAAGAAGCCACAAT
GGAGGGCAGCTCTGTGACCGCACGCAGTGTGGAGAAGCTTTCAGTGAACACTCAGGCCTCAGCACACAG
TGAGAATCAAATACAGGAGACAGTTGTGTCTAATCATTATGAAAGGGACTTTTTTATTCCATGCCA
GAAACCTTGTCAAATTTGGAGAGCAGTTTCCGTGTTGGGTCAGTGTGAAAAGCCTTCAGCTCTACT
CCAAATGTTGTTCCAGCAAGCATGCACTCGGGACAGATCTCTTGACTACAGCAGCTGTGGGAAGTGT
TCCTTAATCAGTCATACCTTCAGGCACGTGCGGGAAGTCAACGAGAGAAGAAACATGGAATGGAAGCC
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CACGTATGTAGGGAATGTGGGAAGGCCTTTAGGTACACTGCCTACCTTACTGGTCGCGTGAAGTCCACC
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GCGGTGGGTTTTATCTACTGAATGAGCATGGAAAACTCACACGAGGGAGAAGCCCTTGCATGTGTGGT
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AGCCTGACTGAGCAGCGAGAATCCATACCGGAGAGAAACCCTACGAATGTAAGCAGTGTGGCAAAGCCT
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CTGTGGGAAAAGCCTACAATAGGGTTTATCTACTGAATGAGCATGTGAAAACACTCACACAGAGGAGAAGCCC
TTTATATGTACGGTATGCAGGAAATCCTCAGAAATTCCTCGTCCTGAATAAGCACATTCAGATTACA
CTGGAATAAAACCTTATGAATGTAAGGACTGTGGGAAAACATTCACTGTTTCTTCGAGCCTAACCGAGCA
CATAAGAACTCACACTGGAGAGAAACCTTATGAATGTAAGTATGCGGAAAAGCCTTACCACATCTCA
CACCTTATCGTGACATAAGAACCACACCGGTGAGAAACCTACATATGTAAGGAGTGTGGGAAAAGCCT
TTGCTTCTCCTCACACCTTATCGAACACAGAAGGACTCACACAGGAGAGAAACCTTACATATGTAAACGA
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TATAAATGTAAGGAATGTGGGAAAGCATACAATAGGTTTTATCTACTAAAAGAACATTTAAAACTTACA
CTGAAGAGCAGGTTTTGTATGTAAGGACTGTGGAAAATCTTTAAGAATTCCTCATGCCTTAACCATCA
CACTCAAATTCACACTGATGAGAAACCTTCTAA
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_001201407

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.
RefSeq:	<u>NM_001201407.1, NP_001188336.1</u>
RefSeq Size:	3608 bp
RefSeq ORF:	2274 bp
Locus ID:	197320
Cytogenetics:	16q24.3
Protein Families:	Transcription Factors
Gene Summary:	The protein encoded by this gene is a member of the krueppel C2H2-type zinc-finger protein family, and it contains one KRAB domain and eighteen C2H2-type zinc fingers. This gene is a candidate gene for autism and variable cognitive impairment in the 16q24.3 microdeletion syndrome. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2011] Transcript Variant: This variant (1) encodes the longer 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.