

Product datasheet for **SC336646**

ZNF630 (NM_001282202) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF630 (NM_001282202) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF630
Synonyms:	dj54B20.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336646 representing NM_001282202.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGGATAGATATCAAGGAAATCAAGACAGAGTTTGGAGCAGGTCACAGTCATCAGTCGTGAAACATTG
ACTGATGAGATGGGTCCAAGTACAGTGCATTTGGGAAATGTTCAATCGGTGCACAGACCTTGCTCCT
TTAAGTCAAAAATCCATAAGTTTGATTTCATGTGAAATAGCTTGAAGTCTAATTCAGACTTACTAAAT
TATAACAGGAGCTATGCAAGAAAGAACCCCACTAAGAGATTTAGATGTGGGAGACCACCTAAGTATAAT
GCTTCCTGTTCTGTGCTGAGAAGGAAGGCTTCATTCACTGGAATGGAGCCCTATGGAGATAGTCAA
TGTGAAAAGTTCTCAGTCATAAGCAAGCCCATGTTTCAGTATAAGAAATTTCAAGCCAGAGAGAAACCC
AATGTTTGTAGTATGTGTGGAAAGCCTTTATCAAGAAGTCACAGCTCATTATACATCAAAGAATTCAT
ACTGGAGAGAAACCATATGTATGTGGAGATTGTAGGAAAGCCTTCAGTGAGAAATCACACCTCATTGTG
CATCAGAGGATTCATACTGGGAGAAACCCATGAATGTACTAAGTATGGAAGAGCATTCTCCCGAAG
TCACCTTTCACTGTTTCATCAGAGAGTCCATACTGGAGAGAAACCCATGAGTGTTTTGAGTGCCAAAA
GCTTTCTCCAGAAAGTCACATCTAATTATACATCAGAGAGTTCATACCAGAGAGAAAGCCCTTTGAATGC
AGTGAATGCAGGAAAGCCTTCTGTGAGATGTCTCACCTTTTTATACACCAGATAACTCATACTGGGAAG
AAGCCCTATGAATGTACTGAATGTGGGAAGACCTTCCCTCGGAAAACACAGCTCATTATACATCAGAGA
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ATAGGACATCAAAGAATTCATACAGGAGAAAAACCTTATGTGTGTACTGACTGTGGGAAGGCCTTTTCC
CAGAAATCACACCTCACTGGCCATCAAAGACTTCATACTGGAGAGAAACCTTATATGTGTACTGAATGT
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CAGTGTGGTGAATGTGGAAAACCTTCTCCAGAAATCACTCCTCATTATTCATCTGAGAGTTTCACACA
GGGAGAGAAACCTTATGAGTGTACTGAGTGTGGGAGGCGCTTTCCCTGAAGTCACATCTCATTCTACAT
CAGAGAGGTCATACTGGAGAGAAACCTTATGAATGTAGTGAATGTGGAAAGCCTTCTGTGGAAAGTCT
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TTTTCTGGAATCACAGATGATTACATATCAGAGAAGACACACTGGGAGAAACCTCCAGATGCAGT
GACTGTGGGAAGGCATTCTGCCAGCATGTATACTTTACTGGGCATCAGAATCCATATAGGAAGACACC
TTGTATATATGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001282202

Insert Size: 1602 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.

RefSeq: [NM_001282202.1](#)

RefSeq Size: 2840 bp

RefSeq ORF: 1602 bp

Locus ID: 57232

UniProt ID: [Q2M218](#)

Cytogenetics: Xp11.23

MW: 61.6 kDa

Gene Summary: This gene encodes a protein containing an N-terminal Kruppel-associated box-containing (KRAB) domain and 13 Kruppel-type C2H2 zinc finger domains. This gene resides on an area of chromosome X that has been implicated in nonsyndromic X-linked cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
 Transcript Variant: This variant (4) differs in the 5' UTR, uses an alternate splice site in the 3' terminal exon, and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus, compared to isoform 1.