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Product datasheet for SC108675

ZNF592 (NM_014630) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF592 (NM_014630) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF592
Synonyms:	CAMOS; SCAR5
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC108675 sequence for NM_014630 edited (data generated by NextGen Sequencing)

ATGGGGGATATGAAAACCCCAGATTTTGATGACCTTCTGGCTGCCTTTGACATCCCAGAC
CCCACCAGCCTTGATGCCAAGGAGGCCATCCAGACACCCAGTGAGGAGAATGAGAGTCCC
CTCAAACCTCCAGGCATATGTATGGATGAAAGTGTGTCCTTGTCTCACTCAGGATCAGCC
CCCGATGTGCCGGCCGTGAGTGTCATTGTCAAGAACACCAGCCGCCAGGAGTCATTTGAA
GCGGAGAAAGACCACATTACTCCCAGTCTCCTACACAATGGATTCCGGGGCTCAGATCTG
CCTCCAGATCCCCACAACTGTGGGAAATTTGATTCTACTTTTATGAATGGAGACAGTGCC
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TTCAGTCCAATCTCCAGCCCAGAACCTGAGGATCCCATCAAAGATAACGGATTTGGGATA
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CCAGTCCTGGAGGCTCTGGCTAAGTTTCCGGTTCCAGAGCTGCATATGTTTGATCATTTT
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AGTGGGCAGAACACAGTGGAACCTCACAAGGATCCGGATGCCACTCGATTCTTCGGGGAA
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GAGCTTGGTACCTGCTCATCAGTCCCCCCTAGGCAGCGTCTAAAGCCAGCTCATTCCAAG
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AAGGAGGATCAGCCTGGCCACACAAAGGATCTCTCAGGGCCCACTAAAGAGAGTTCTAAA
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CCCAGCTGCAGTTCTGGGCCCCGGGTCCCAAAGGGGGCTGCCCCAGGCTCACAGACAGGC
AAGAAGCAACAGAGCACAGCACTGCAGGCATCCACCCTGGCCCCTGCCAACCTCCTGCCC

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AAAGCCGTGCACTTGGCCAACCTGAACCTCGTCCCCCACAGTGTTGCTGCATCAGTGACA
GCCAAGTCTTCAGTGCAAAGACGGAGCCAGCCACAGCTTACACAAATGTCGGTGCCCCTG
GTCCACCAGGTGAAAAAGGCTGCCCCACTGATTGTAGAGGTCTTCAACAAGGTCCTTCAC
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CAGGAGGAGGAGGAGGAAGAGGAGGCGGCGGCAGCGGAGATGGCAGTGGAGGTGGCAGAG
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TGTGCCGGTGAGCCTTTGTCAGCTGACCCAGAGGCGAGGAGATTGCTGGGCCCGGCCCCT
GAGGACGATGGTGGCCACAATGATCACAGTCAACCACAGGCCTCTCAGGACCAGGACAGC
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Clone variation with respect to NM_014630.2
2238 a=>g

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014630 unedited
CGGCACGAGCCGCCGCCGCCGCCAGGTGGTGTTTGGACTCTAGACCATGTGCCTAGGTAG
AAGTTTTTCCTTTCTCCGCAGCTCTGCTCCCCTAGCAACGCTCGCCACACCCTTGTTTTG
AGATCCTCTCTAAGGAGCGGAGAGTTTAATAGGCAAGAAGGAAGGGAGAAGACAGAAGGA
AGACGCTCCCCCGTACGGAGACAGAGGGAGGGGGGGCTCCAAAGCCGAAAGAGGAGGTCC
CTACCTGCCACGGATACCAGTCAGCCCTTGCCAGCATCCAGCCATGGGGGATATGAAAAC
CCCAGATTTTGATGACCTTCTGGCTGCCTTTGACATCCCAGACCCCACCAGCCTTGATGC
CAAGGAGGCCATCCAGACACCCAGTGAGGAGAATGAGAGTCCCCTCAAACCTCCAGGCAT
ATGTATGGATGAAAGTGTGTCCTTGTCTCACTCANGATCAGCCCCCGATGTGCCGGCCGT
GAGTGTCATTGTCAAGAACACCAGCCGCCAGGAGTCATTTGAAGCGGAGAAAGACCACAT
TACTCCCAGTCTCCTACACAATGGATTCCGGGGCTTCANATCTGCCTTCCAGATCCCCAC
AACTGNGGGGNAAATTTGATTCTACTTTTATGAATGGAANACAGTGCCCAGGAGTTTTCC
CTGGCAAACTGGAGCCTNCCAAGTCAGANCCATTACCCACCTTCACCCA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014630 unedited
AACTTTGGACCCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGGTGAGA
AGATTTTTTATTTGAAATATAGTCTGAGCAACATGAGTGTAGCCAAGAGGAGTAGGGGCT
GGCCTGCCTGGGGCAGCAGCCTCTCAAATGGCACGAGAGCAGTACAAATATTCCAATGTC
TGTGTGCCCCAACCCCACCTGTCAGGAAAGGCAGAACAGCAGAACAAAGACCCACCCACA
GCGCCTTCTCAAGGGGTCTGGTTCTTGGTGCCTGCCTGCCTTTGCCTTACCTCCTGCTCT
GCCCAGGTTCCAAACAGAGGTGTGCAGCAGAGGTTTCTCCCACCCCACCCACAGAGACAT
GATGAGCCAGTGTGACAATTAGTTCTCAGGACTATTTTGAGGGAAAAGAATCAGAGAAGA
CAGGGAGGAGGGGCAAGGTGATCAAGGGCCCTCGCCAAACCAGACTAGGCAGAGCTCTCC
CAGAGGGACTGTGTCAGCACCCCTCATTTCCCTCCTTCTCAGGATCTAAAGGCAGGAAGG
AGAGCTGGTGTCTGCAGGAAAATAGAGCTCTGAGGAGCGCCCTGGCTGAAGGCAGCAAGC
GGGAACCTCCCAGAGAGCACAGCCGCTGTGGGGTTCAAGCCTAGTTGACAGCAGTGGGGT
TGGGCCACATAAGCAGCTTTGGGTTGGAAGGACACAGACAAGAGATGGGGCACCAAGAAG
CAGCGAAAAGCCATANNATACAGAAGCANATTCAGAGCTGTTGAGGGGTCCTGCCCGACC
CCCACATTTCTGGNGGCCTGGNGGGATACCCCAGCACTGGNCAGCTCANGGNCAGACACT
ACTTCCAGGGTACAACCCGTCACACTTACACTGGGGGGCAGAGCCTTTAATTTTTCCCGG
GTCGAGGNCAAGNTGGNAAGACCTTTTGCACCAACCCTGACATGCACATGNAAAGTTCCG
GTCAACTGAGGGAGCCGGTTGTGGTCTCCCTGT

Restriction Sites: NotI-NotI

ACCN: NM_014630

Insert Size: 4540 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_014630.1, NP_055445.1
RefSeq Size:	5086 bp
RefSeq ORF:	3804 bp
Locus ID:	9640
UniProt ID:	Q92610
Cytogenetics:	15q25.3
Domains:	zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	This gene is thought to play a role in a complex developmental pathway and the regulation of genes involved in cerebellar development. Mutations in this gene have been associated with autosomal recessive spinocerebellar ataxia. [provided by RefSeq, Jan 2011]