

Product datasheet for SC322653

CECR1 (NM_017424) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CECR1 (NM_017424) Human Untagged Clone
Tag:	Tag Free
Symbol:	CECR1
Synonyms:	ADA2; ADGF; IDGFL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322653
 GTCCCGTGGAGTCTCCATCTGAGCCCTTCCTAGTCCAGGCATCCCGATGTTGGTGGATG
 GCCCATCTGAGCGGCCAGCCCTGTGCTTCTTGCTGTTGGCTGTGGCAATGCTTTCTTCG
 GCTCAGCTCTATCCATAGATGAAACACGGCGCATCTGTTGTTGAAAGAAAAGATGATGC
 GGCTCGGGGGGGCTGGTGTGCTGAACACCAAGGAGGAGCTGGCCAATGAGAGGCTCATGA
 CGCTCAAATCGCTGAGATGAAGGAGGCCATGAGGACCCTGATATCCCACCCAGCATGC
 ACTTTTTCCAGGCCAAGCATCTCATTGAGAGAAGTCAAGTGTTAATATTCTAAGGATGA
 TGCCAAAAGGGGCTGCCTGCACCTCCATGACATTGGCATCGTACTATGGACTGGCTGG
 TGAGGAATGTCACCTACAGGCCTCACTGCCACATCTGTTTACCCCAAGGGGGATCATGC
 AGTTCAGATTTGCTCACCAACTCCCCGTCCATCAGAAAAATGTTCCAAGTGGATTCTGC
 TGGAGGATTATCGGAAGCGGGTGCAGAAGTCACTGAGTTTGATGACAGCTTGTCTGAGGA
 ATTTCACTCTGGTGACCCAGCACCCGGAGGTGATTTACACAAACCAAAAATGTTGTCTGGT
 CGAAATTTGAAACCATCTTCTTACCATCTCTGGTCTCATCCATTACGCACCAGTGTTC
 GAGACTATGTCTCCGGAGCATGCAAGGATTCTACGAGGACAACGTGCTCTACATGGAGA
 TCAGAGCCAGGCTGTGCCGGTGTATGAGCTCAGTGGAGAGCACCATGACGAAGAGTGGT
 CAGTGAAGACTTACCAGGAAGTAGCTCAGAAGTTTGTGGAAACTCACCTGAGTTTATTG
 GAATCAAATCATTATTCGGATCACAGATCCAAAGATGTGGCTGTCATCGCAGAATCCA
 TCCGAATGGCCATGGGGCTCCGAATCAAGTTCACCGGTTGGTGGCAGGGTTTGACCTGG
 TGGGCATGAGGACACTGGCCACTCCTTGCATGACTACAAGGAAGCTCTGATGATCCCCG
 CCAAGGATGGCGTTAAGCTGCCTTACTTCTTCCACGCGGAGAAAACAGACTGGCAGGGTA
 CTTCCATAGACAGGAACATTCTGGATGCTCTGATGCTGAACACTACCAGAATCGGCCATG
 GATTTGCTTTGAGCAAACACCCCGCACTCAGGACTTACTCCTGGAAAAAGGACATCCCCA
 TAGAAGTCTGTCCATCTCTAACCAGGTGCTGAAACTGGTGTCTGACTTGAGGAACCACC
 CTGTAGCCACTCTGATGGCCACTGGGCACCCATGGTGATCAGCTCTGATGACCCAGCTA
 TGTTTGGTGCCAAAGGCTTGTCTACGATTTCTATGAGGTCTTATGGGCATTGGGGGA
 TGAAGGCTGACCTGAGGACCCTCAAACAGCTGGCCATGAACTCTATCAAGTACAGTACCC
 TGTTGGAGAGTGAGAAAAATACTTTCATGGAAATCTGGAAGAAGAGATGGGATAAGTTCA



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TAGCAGATGTGGCTACAAAGTGAGGAGAAGCTAGCCAGCCCTCTACAAGCTGTCTTCTTG
CACACGCTGTCACTTCCTCTCACTCGTTCTTGAATCAGCTCCATGTGCCCATGAAATCAA
TGGCCTCTGTATGGAGCGACCCTGTGAGAAGCACTTGGCTGGCTGAGCAAATTCATCCTC
TGGAAATATTCTCTCTCAGCCACAGTGACATTGACCCCTTTGGTTTTCTCTCTCTCTGG
CCATTTCTCCAGTTTCCCTATTTTCAGAGTCTTCTCTCTCTCTGATCTCTGTGCTGTTT
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TTTTTTTCGAGATGGAGTTTTGCTCTTGTGCCCCAGGCTGGAGTACAATGGTGCGATCTCA
GCTCAGTGCAACCTCCGCCACCCGGGTTCAAGCAATTCTCATGCATCAGCCTCCCGAGTA
GTTGGAATTATAGGCATGTGCCACCACCCAGCTGATTTTTGCATTTTTAGTAGAGACA
GGTTTTACCATGTTGGCGAGGCTGGTATCCAACCTTTGACCTCAGGTGATCCACTCGCC
CCTTAGCTCCCAAAGTGCTGGAATTACAGGCGTTAGCCACCATGCCTGGCCTATTCTGGT
CTCTTAACTCTCTCTTTATTTCTCTCTCTCTGTACACTTTTCCGGTGGTCT
CATCCATTCTTTGCTTTTTATACCATTTATTTGTTAATGATCCACATTTATTTATG
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TTGCCAGGCTGTCTCCAACCTCAAGTGATCCTCTGCCGAGTCTCCCGAAGTGTGGG
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TGGTGAAGGACACCTCCATCCATTCCACCCAGTTGCTCAAAGCAGAAATTTTCAGTGAA
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AGCGGTGGCTTCTTGATGCTGCGCGGTCCCCACTCCCTACATCAGAAATGCATCCCGCAT
CCAGACTCCAGCGGTGGCGCTCTACCTGCACGCTGTTGCCAAGTCCAAGTACCATACTC
CTGCCTGAGCTATGACAACAGCCTCCTCACTGATCTCCCTTTCTTCCCTTGGCTCCTC
CAGCTCATTTTTACAGTGTAGAATGACATTTTGTGTTGTTGTTGTTGTTGTTGTTGAT
GGAGTCTCGCTCTGTTGCCAGGTTGGAGTGCAGCGGTGCGATCTCGGCTCACTGCAACC
TCCACCTCCCGGTTCAAGCGGATTCTCGTGCCTCAGCCTCTGAGTAGTGTTGATTACG
GGCATGCACCACCATGCCCGATAATTTTTGTATTTTTAGTAGAGATGGGGTTTCACTAT
GTTGGCCAGGCTGGTCTCGAACCTGACCTCGTGGTCCACCCGCTCGGCTCCCAAAG
CACTGGGATTACAGGCGTGAGCCACCCGGCCTGGCCTAGAATGACTTTTAAAAGTCAA
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CACAGGGCACACAGCATCCGATTTAATCTGGATCCATTCCGGCGCCTTCTCTCCCAGTC
ACCCAGAGGGCCCAACCCGGCGGCCCTTTCTTCTCAGATGCTCTCGGCTCTATACCG
TGCTGGGTCTTTCTCTTTCTCTGCTGGAACATTCTTCTTCCCTTTTGTCTTG
CCCACTCTGTTTACCCTTCAAGTTTCAAGTTCATGCTACTGTCTCAGAGAGTTTTCT
GTGCTCGCCCTGTTTCTCTCAGGAAGCCTTGTCTTTTCCATCATGCCTTAATCACAGC
TTATAATCGGATATTTATTTCTGTGTCTACAGTCTTGGCCTGCCAGACTGAAGCCCAT
GTGGGCAGGCGCTCATGATTGTTTCTGATTGTTTACGCATGCTGCTAACCAGAGCCTG
GGCCCAAAGCTAGTTAGTACTCAATAACAATGCATTGAATGAAAAAAAAAAAAAAAAAAAA
AA

- Restriction Sites:** Please inquire
- ACCN:** NM_017424
- 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:	<ol style="list-style-type: none">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_017424.2</u> , <u>NP_059120.2</u>
RefSeq Size:	3947 bp
RefSeq ORF:	1536 bp
Locus ID:	51816
Cytogenetics:	22q11.1
Domains:	A_deaminase
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Gene Summary:	<p>This gene encodes a member of a subfamily of the adenosine deaminase protein family. The encoded protein is one of two adenosine deaminases found in humans, which regulate levels of the signaling molecule, adenosine. The encoded protein is secreted from monocytes undergoing differentiation and may regulate cell proliferation and differentiation. This gene may be responsible for some of the phenotypic features associated with cat eye syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (1) represents the longer transcript, and encodes the longer isoform (a).</p>