

Product datasheet for **SC114311**

CED6 (GULP1) (NM_016315) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CED6 (GULP1) (NM_016315) Human Untagged Clone
Tag:	Tag Free
Symbol:	CED6
Synonyms:	CED-6; CED6; GULP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114311 sequence for NM_016315 edited (data generated by NextGen Sequencing)

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ATGAACCGTGCTTTTAGCAGGAAGAAAGACAAAACATGGATGCATACACCTGAAGCTTTA
TCAAACATTTTCATTCCCTATAATGCAAAGTTTCTTGGCAGTACAGAAGTGAACAGCCA
AAAGGAACAGAAGTTGTGAGAGATGCTGTAAGGAAACTAAAGTTTGAAGACATATCAAG
AAATCTGAAGGCCAGAAAATTCCTAAAGTGGAGTTGCAAATATCAATTTATGGAGTAAAA
ATTCTAGAACCCAAAACAAAGGAAGTTCAACACAATTGCCAGCTTCATAGAATATCTTTT
TGTGCAGATGATAAAACTGACAAGAGGATATTCACCTTTCATATGCAAAGATTCTGAGTCA
AATAAACATTTGTGCTATGTATTTGACAGCGAAAAGTGTGCTGAAGAGATCACTTTAACA
ATTGGCCAAGCATTGACCTGGCATAACAGGAAATTTCTAGAATCAGGAGGAAAAGATGTT
GAAACAAGAAAACAGATCGCAGGTTACAAAAAGANTCCAAGACTTAGAAAACAGAAAAT
ATGGAACCTAAAAATAAAGTACAAGATTTGGAAAACCAACTGAGAATAACTCAAGTATCA
GCACCTCCAGCAGGCAGTATGACACCTAAGTCGCCCTCCACTGACATCTTTGATATGATT
CCATTTTCTCCAATATCACACAGTCTTCGATGCCTACTCGCAATGGCACACAGCCACCT
CCAGTACCTAGTAGATCTACTGAGATTAACCGGGACCTGTTTGGAGCAGAACCTTTTGAC
CCATTTAACTGTGGAGCAGCAGATTTCCCTCCAGATATTCATCAAATTAAGATGAGATG
CAGGAGGGGTTCAAATGGGACTAACTCTTGAAGGCACAGTATTTGTCTCGACCCGTTA
GACAGTAGGTGCTGA

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Clone variation with respect to NM_016315.2
517 a=>n



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016315 unedited
 TCAAAATTTGTAATACGACTCACTATAGGGCGGCCCGCAATTCGCACGAGGGCGGGGGT
 GATGAGCCCTTGGGTTCTCGCTCCGACTGCTAAATTCGCTCGGCCGGTCCACCTTCTCG
 TGGCCTCACTCGCCACACGGATCAGAATCCGGAGCAGGCAGTTCTCTATTCTGAGGCT
 CCTGCGGCTGCCGCGTGACTTCCCTGTGTGCGGGAGGGAAGCTCTGGCAGGCTGGTTTT
 CTTGGAATGTGTTACGATGTTGAATGGGACTTGAACAGGAAGCTGGACGCTGCAGCTGG
 AACTAGCGTGCCAAGTTATTTATGATTCCATCTGATATACATAGGAGAGAAAAGCTGATAGA
 AGAATTCTGATGGCAACTGTATGATAGAAGCTATATAAAGTCAAGTGCCATTTTCTTTC
 AACTATATTTGAGCATACCCAGGATTTAAGTCGTGGAAGTGAACATTTATTTGGCTGATC
 CTCATCATGAACCGTGCTTTTAGCAGGAAGAAAGACAAAACATGGATGCATACACCTGAA
 GCTTTATCAAAACATTTTCCCTATAATGCANAGTTTCTTGGCAGTACAGAAGTGAA
 CAGCCAAAAGGAACAGAAGTTGTGAGAGATGCTGTAAGGAAAAGTAAAGTNTTGCAGACAT
 ATCAAGAAATCTGAAGGCCAGAANAATCCTAAAGTGGAGTTGCANATATCAAATTATGGA
 GTANNAATCTAGAACCCANACANAGGAAGTTCAACACAATTGCCAGCTTCATAGAATA
 TCTTTTTTGTGCCAGATGATAAAGTGANAGAGGATATCACTTTTATATGCCAAGATNC
 TGAGTCAATAAACATTTNGTGTATGNATTTGACAGCGAAAAGTGTGCTGAAGAGATCACT
 TNTACATTGCNCAGCATTGACTGGCTACANGAANTNCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016315 unedited
 ATGGCCGCGGCCCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTGGAAAAGAGATTTT
 TGACTTTAAACAAAACAAATACAGATTGAATTTACCAAATATTGATAATTCATGTAGAACC
 GGTGCCACAGATTTTAAAGTATCAAAACCAAGAGGGCATCAAAAATAAACTTTGGTGAA
 AAATATCTTCATCAAAGAAGAAAATATGAGAAGAGTAGTCCTTATGCAGTGAGGAGAAAT
 ATATTTGGTAAAGTAAATATGGGTAGTAGATACTGAATCTATAGATAGCATATATTCCAA
 ATGTTTTTTAGGGAATATCAAATCAGATGATGCTTAGATGTTATAGTAATATCACTTATC
 TCATTTGGAATGAAATTTAATGTTTTTAAATAAGCAAATTTTCACTTTTCACTACC
 TTTATAAAACAAATTAATATTTAGAGTATAACTGATCATAACTAACATCACCTTGCAAT
 TACTAATAAACTCTAAATACATTTGGTTTATTATTGGAATTTATATCCTTATAATTTT
 ACCTGCTAGAAATTAGTGACCTTGTGGCATTATGTTTAAAGTTTACATTTTCCCAGTGAT
 GTGAACAGTATTTATACATAAAATGATATCTGTCCAATGAATAGTAACATGTTTGTGGT
 TTAACAAACAGAACATGTTTAGTTTGACATTGGCATTGCTCTTTCAGATTTAAAAAGTATCT
 TTAAGTATGGCTTTTGGGAAATCATTAATAAACTAGCCATCTGGAAAAATGATACACNAT
 TCAAGATGCTAACTAAATAGAAGTCAAGACACAAGGCAGGNATTNGNATAATATGTCCTTT
 CATTACCAATTCATCTACAGTNGAAACAGAAAGGACCATAAAGTNTGATCTACTTTTCGN
 TAGCTGNTCTTAAATAAAATACAGATCATAGTGA

Restriction Sites:

NotI-NotI

ACCN:

NM_016315

Insert Size:

2870 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_016315.2 , NP_057399.1
RefSeq Size:	3464 bp
RefSeq ORF:	915 bp
Locus ID:	51454
UniProt ID:	Q9UBP9
Cytogenetics:	2q32.1-q32.2
Domains:	PID
Protein Families:	Druggable Genome
Gene Summary:	<p>The protein encoded by this gene is an adapter protein necessary for the engulfment of apoptotic cells by phagocytes. Several transcript variants, some protein coding and some thought not to be protein coding, have been found for this gene. [provided by RefSeq, Nov 2011]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>