

Product datasheet for **RG221580**

CED6 (GULP1) (NM_016315) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CED6 (GULP1) (NM_016315) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CED6
Synonyms:	CED-6; CED6; GULP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG221580 representing NM_016315 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCGTGCTTTTAGCAGGAAGAAAGACAAAACATGGATGCATACACCTGAAGCTTTATCAAACATT
TCATTCCCTATAATGCAAAGTTTCTTGGCAGTACAGAAGTGGAACAGCCAAAAGGAACAGAAGTTGTGAG
AGATGCTGTAAGGAACTAAAGTTTGAAGACATATCAAGAAATCTGAAGGCCAGAAAATCCTAAAGTG
GAGTTGCAAATATCAATTTATGGAGTAAAAATTCTAGAACCCAAAACAAGGAAGTTCAACACAATTGCC
AGCTTCATAGAATATCTTTTGTGCAGATGATAAACTGACAAGAGGATATTCACCTTCATATGCAAAGA
TTCTGAGTCAAATAAACATTTGTGCTATGTATTTGACAGCGAAAAGTGTGCTGAAGAGATCACTTTAACA
ATTGGCCAAGCATTTGACCTGGCATAACAGAAATTTCTAGAATCAGGAGGAAAAGATGTTGAAAACAAGAA
AACAGATCGCAGGGTTACAAAAAGAATCCAAGACTTAGAAAACAGAAAATATGGAACCTAAAAATAAAGT
ACAAGATTTGAAAACCAACTGAGAATAACTCAAGTATCAGCACCTCCAGCAGGCAGTATGACACCTAAG
TCGCCCTCCACTGACATCTTTGATATGATTCCATTTTCTCCAATATCACACCACTCTTCGATGCCTACTC
GCAATGGCACACAGCCACCTCCAGTACCTAGTAGACTACTGAGATTAACCGGGACCTGTTTGGAGCAGA
ACCTTTTGACCCATTTAACTGTGGAGCAGCAGATTTCCCTCCAGATATTCAATCAAATTTAGATGAGATG
CAGGAGGGGTTCAAATGGGACTAACTTTGAAGGCACAGTATTTGTCTCGACCCGTTAGACAGTAGGT
GC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG221580 representing NM_016315
 Red=Cloning site Green=Tags(s)

MNRAFSRKKDKTWMHTPEALSKHFIPYNAKFLGSTEVEQPKGTEVVRDAVRKLFARHIKKSEGQKIPKV
 ELQISYGVKILEPKTKVEVQHNCQLHRISFCADDKTDKRIFTFICKDSESNKHLCYVFDSEKCAEITLT
 IGQAFDLAYRKFLFESGGKDVETRKQIAGLQKRIQDLETENMELKNKVQDLENQLRITQVSAPPAGSMTPK
 SPSTDIFDMIPFSPIHQSSMPTRNGTQPPPVPSRSTEIKRDLFGAEPDFPFNCGAADFPPIQSKLDEM
 QEGFKMGLTLEGTVFCLDPLDSRC

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_016315

ORF Size: 912 bp

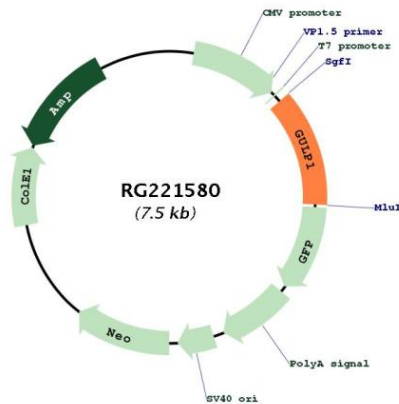
OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA 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.

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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_016315.4</u>
RefSeq Size:	3464 bp
RefSeq ORF:	915 bp
Locus ID:	51454
UniProt ID:	<u>Q9UBP9</u>
Cytogenetics:	2q32.1-q32.2
Domains:	PID
Protein Families:	Druggable Genome
Gene Summary:	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]

Product images:



Circular map for RG221580