

Product datasheet for **RG232386**

CED6 (GULP1) (NM_001252668) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CED6 (GULP1) (NM_001252668) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: GULP1
Synonyms: CED-6; CED6; GULP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG232386 representing NM_001252668
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCGTGCTTTTAGCAGGAAGAAAGACAAAACATGGATGCATACACCTGAAGCTTTATCAAACATT
TCATTCCCTATAATGCAAAGTTTCTTGGCAGTACAGAAGTGGAACAGCCAAAAGGAACAGAAGTTGTGAG
AGATGCTGTAAGGAACTAAAGTTTGAAGACATATCAAGAAATCTGAAGGCCAGAAAATTCCTAAAGT
GAGTTGCAAAATCAATTTATGGAGTAAAAATTCTAGAACCCAAAACAAGGAAGTTCAACACAATTGCC
AGCTTCATAGAATATCTTTTGTGCAGATGATAAACTGACAAGAGGATATTCACCTTCATATGCAAAGA
TTCTGAGTCAAATAAACATTTGTGCTATGTATTTGACAGCGAAAAGTGTGCTGAAGAGATCACTTTAACA
ATTGGCCAAGCATTTGACCTGGCATAACAGAAATTTCTAGAATCAGGAGGAAAAGATGTTGAAAACAAGAA
AACAGATCGCAGGGTTACAAAAAGAATCCAAGACTTAGAAAACAGAAAATATGGAACCTAAAAATAAAGT
ACAAGATTTGAAAACCAACTGAGAATAACTCAAGTATCAGCACCTCCAGCAGGCAGTATGACACCTAAG
TCGCCCTCCACTGACATCTTTGATATGATTCCATTTCTCCAATATCACACCACTCTTCGATGCCTACTC
GCAATGGCACACAGCCACCTCCAGTACCTAGTAGACTACTGAGATTAACCGGGACCTGTTTGGAGCAGA
ACCTTTTGACCCATTTAACTGTGGAGCAGCAGATTTCCCTCCAGATATTCAATCAAATTTAGATGAGATG
CAGCGCCAGAGATGGAGGGTTCAAATGGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG232386 representing NM_001252668
Red=Cloning site Green=Tags(s)

MNRAFSRKKDKTWMHTPEALSKHFIPYNAKFLGSTVEVEQPKGTEVVRDAVRKLFARHIKKSEGQKIPKV
 ELQISIVGKILEPKTKVEVQHNCQLHRISFCADDKTDKRIFTFICKDSESNKHLCYVFDSEKCAEITLT
 IGQAFDLAYRKFLSEGGKDVETRKQIAGLQKRIQDLETENMELKNKVQDLENQLRITQVSAPPAGSMPK
 SPSTDIFDMIPFSPIHQSSMPTRNGTQPPPVPSRSTEIKRDLFGAEPDFPFCGGAADFPDIIQSKLDEM
 QRQRWRGSKWD

TRTRPLE - GFP Tag - V

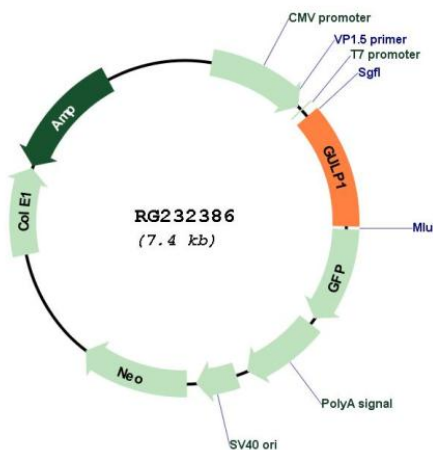
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_001252668

ORF Size: 873 bp

OTI Disclaimer:	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:	NM_001252668.2
RefSeq Size:	3523 bp
RefSeq ORF:	876 bp
Locus ID:	51454
UniProt ID:	Q9UBP9
Cytogenetics:	2q32.1-q32.2
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]