

Product datasheet for **RG225232**

CEP27 (HAUS2) (NM_001130447) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CEP27 (HAUS2) (NM_001130447) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: HAUS2
Synonyms: C15orf25; CEP27; HsT17025
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG225232 representing NM_001130447
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGCTGCCAACCCGTGGGACCCGGCGTCCGCGCCTAACGGCGCTGGGCTAGTGCTAGGCCACTTCA
 TAGCTTCGGGGATGGTCAATCAGAAAACTGGAAATTGAACTCCTGAAACTAGAAAAAGATACAGCAGA
 TGTTGTCATCCTTTCTTTTGGCTCAGAAGTGCATACTCTGCAAAGCATGAATAATCATTGGAAAGCA
 GTGCTGAAAGAGAAGAGATCCCTTAGGCAAGACTGTTGAAACCCATGTGCCAGGAAAACCTACCTATTG
 AAGCTGTTTATCACAGATATATGGTACATTTGCTGGAGTTGGCTGTGACTTTCATTGAGAGATTAGAAAC
 CCACCTTGAAACAATTAGAAATATTCTCATTAGCTGCAAACTAAAGAAAATGAACCAGGCTTTAGCA
 AAGATGGATATATTGGTACTGAGACAGAAGAACTGGCAGAGAATACTCAAGTGGCGTAAACAACAAA
 ACGAAGTTTCGTCTTGTATCCCCAAAATATTAGCTGAAGAAAGTTATCTTTATAAACATGATATTATAAT
 GCCTCCTTACCTTTTACTTCTAAAGTTCATGTCCAAACTATTAATGCCAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG225232 representing NM_001130447
 Red=Cloning site Green=Tags(s)

MAAANPWPASAPNGAGLVLGHFIASGMVQNKLEIELLKLEKDTADVHPFFLAQKCHTLQSMNNHLEA
 VLKEKRSRQRLLKPMCQENLPIEAVYHRVMVHLELAVTFIERLETHLETIRNIPHLAANLKKMNQALA
 KMDILVTETEELAENILKWRKQQNEVSSCIPKILAEESYLKHDIMPPLPFTSKVHVQTINAK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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_001130447.2](#)

RefSeq Size: 3860 bp

RefSeq ORF: 615 bp

Locus ID: 55142

UniProt ID: [Q9NVX0](#)

Cytogenetics: 15q15.2

Gene Summary: The protein encoded by this gene is a subunit of the augmin complex. The augmin complex plays a role in microtubule attachment to the kinetochore and central spindle formation. [provided by RefSeq, Apr 2016]