

Product datasheet for **RG205748**

CUTC (NM_015960) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CUTC (NM_015960) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CUTC
Synonyms:	CGI-32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG205748 representing NM_015960 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAAGGCAGGGGCCTCCTCTGAGCGAAAACGAGCGCGGATACCGTCCGGGAAGCCGGAGCAGCAA
ATGGATTTCTCATGGAAGTTTGTGTTGATTCAGTGGAATCAGCTGTGAATGCAGAAAGAGGAGGTGCTGA
TCGGATTGAATTATGTTCTGTTTATCAGAGGGGGAACTACACCCAGCATGGGTGTCCTTCAAGTAGTG
AAGCAGAGTGTCAGATCCAGTTTTTGTGATGATTCGGCCACGGGGAGGTGATTTTTGTATTTCAGATC
GTGAAATTGAGGTGATGAAGGCTGACATTCGTCTTGCCAAGCTTTATGGTGCTGATGGTTTTGGTTTTGG
GGCATTGACTGAAGATGGACACATTGACAAAGAGCTGTGTATGCCCTTATGGCTATTTGCCGCCCTCTG
CCAGTCACTTTCCACCGAGCCTTTGACATGGTTCATGATCCAATGGCAGCTCTGGAGACCTCTTAACTT
TGGGATTTGAACGCGTGTGACCAGTGGATGTGACAGTTCAGCATTAGAAGGGCTACCCCTAATAAAGCG
ACTCATTGAGCAGGCAAAGGCAGGATTGTGGTAAATGCCAGGAGGTGGTAAACAGACAGAAATCTACAA
AGGATCCTTGAGGGTTCAGGTGCTACAGAATCCACTGTTCTGCTCGGTCTACTAGAGACTCGGGAATGA
AGTTTCGAAATTCATCTGTTGCCATGGGAGCCTCACTTTCTTGCTCAGAATATCCCTAAAGGTAACAGA
TGTGACCAAAGTAAGGACTTTGAATGCTATCGCAAAGAACATCCTGGTG

AGCGGACCGACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_015960.3](#)

RefSeq Size: 1323 bp

RefSeq ORF: 822 bp

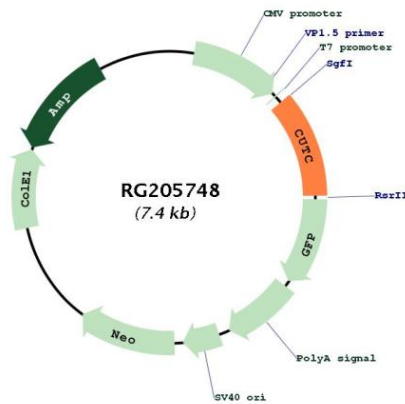
Locus ID: 51076

UniProt ID: [Q9NTM9](#)

Cytogenetics: 10q24.2

Gene Summary: Members of the CUT family of copper transporters are associated with copper homeostasis and are involved in the uptake, storage, delivery, and efflux of copper (Gupta et al., 1995 [PubMed 7635807]; Li et al., 2005 [PubMed 16182249]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RG205748