

Product datasheet for **RG217907**

HOATZ (NM_207430) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: HOATZ (NM_207430) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: HOATZ
Synonyms: C11orf88
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG217907 representing NM_207430
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAAACGGGACCCAGCGAAGAACCTAGCGGCCGAAAAGAGTCCCAGGAAATGTCCCCCGGGATTAC
 TGGTATTTGCTGGCTCCTCGGAACAAGATGCCAATTGGCTAAGCAGTTCTGGATCTCGGCGTCGATGTA
 TCCCCCTAGCGAATCTCAGCTGGTGTGCTGCGCAGAGACAGCAGTCAGCGTCTGCCGGTGGCGCGGCCAGG
 AGGAGCAGAGGGTCTGAAAACAGCCACTCTCGCAGTCTTTTCACCTTGCAGTAACAAAAATAGAGACA
 TCTTTGCCGAAGCCCTAAAGATACAGGAATCTGAGGAGAAAGTAAAGTATCTCCAAAAGACAAGGTCTCA
 CTCTGTACCCAGAATGAAGTGCAGTGGCATGATCATGGCTCACTGCAGCCTCAACTTTCTCGGATTCAG
 GCTAAAACAAGAGAAGAGATTCTCCAACCTTAAGAAAACAAAGAGAAGAAAGGATCTCGAAGAAGCTGA
 TTTCCCTTCCGTATAAACCAAAAGCCAAAGAACACAAAGCAAAGAAAGTGGTATCAGAGTCAGATAAAGA
 GGACCAAGAAGAAGTCAAACCTTTGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG217907 representing NM_207430
 Red=Cloning site Green=Tags(s)

METGPSEEPSGRKESQEMCPPGLLVFAGSSEQDANLAKQFWISASMYPPSESQLVLRDSSQRLPVARPR
 RSRGSENSHSSQSFHLASNKNRDIFAEALKIQESEEKVKYLQKTRSHSVTQNEVQWHDHGLQPQLSRIQ
 AKTREEILQLLRQREERISKELISLPYKPKAKEHKAKKVVSESDKEDQEEVKTLD

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-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_207430.2](#), [NP_997313.2](#)

RefSeq Size: 800 bp

RefSeq ORF: 591 bp

Locus ID: 399949

UniProt ID: [Q6PI97](#)

Cytogenetics: 11q23.1

Gene Summary: Required for motile ciliogenesis and flagellar genesis by mediating the maturation of the glycolytic enzyme ENO4.[UniProtKB/Swiss-Prot Function]