

Product datasheet for **RG203522**

ZBED3 (NM_032367) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZBED3 (NM_032367) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ZBED3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG203522 representing NM_032367
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGAGTGGCGAGCCGGCCTGCACCATGGACCAGGCCCGGGGCTGGACGACGCGGGCGGGGGCG
 GTCAGTGTCCGGGACTGGGGCCGGCGCCGACGCCGACGCTCCCGGCCGCTGGGGCGCCATACTCCGA
 GGCCTGGGGTACTTCCACCTGGCGCGGGGCGCCCGGGCATCCGTCGGGCCACTGGGCCACCTGCCGT
 CTGTGCGGGGAGCAGGTGGCCCGCGCCCGGGCTTCCACGCGGGGACCTCGGCGTTGTGGAGGCACCTGA
 GGAGCGCCACCGCGGGAGCTGGAGAGCAGCGGCCCGGGAGCTCCCACTGCCGCGCCCTGCCCGCC
 GCCGCCCGGCCCGCTGCGGCCCGGAGGGCGACTGGGCGCGCCTGCTGGAACAGATGGGCGCGCTGGCC
 GTGCGCGGAGCCGGCGGGAGCGGGAGCTGGAGCGCGCGAGCTGGCCGTGGAGCAGGGCGAGCGGCC
 TGGAGCGGAGGCGGAGGGCGCTGCAGGAGGAAGAGCGCGCGCGCCAGGCGCGCGGGAACTGCAGGC
 CGAGCGGGAGGCGCTGCAGGCGCGGCTGCGGGATGTGAGCCGCGTGGGGCGCCCTGGGCTGGGCCCC
 GCTGCGCCCGCGCTCAAGGACGACCCCGAGGGTGACAGGGACGGCTGCGTCATCACAAGGTCTCC
 TG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG203522 representing NM_032367
 Red=Cloning site Green=Tags(s)

MRSGEPACTMDQARGLDDAAARGGQCPGLGPAPTPTPPGRLGAPYSEAWGYFHLAPGRPGHPSGHWATCR
 LCGEQVGRGPGFHAGTSALWRHLRSAHRRELESSGAGSSPPAAPCPPPGPAAAPGEGDWARLLEQMGALA
 VRGSRRELERRELAVERGERALERRRRALQEEERAAAQARRELQAEREALQARLRDVSRRREGALGWAP
 AAPPPLKDDPEGDRDGCVITKVL

TRTRPLE - GFP Tag - V



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| 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_032367.4 |
| RefSeq Size: | 1437 bp |
| RefSeq ORF: | 705 bp |
| Locus ID: | 84327 |
| UniProt ID: | Q96IU2 |
| Cytogenetics: | 5q13.3 |
| Domains: | zf-BED |
| Gene Summary: | This gene belongs to a class of genes that arose through hAT DNA transposition and that encode regulatory proteins. This gene is upregulated in lung cancer tissues, where the encoded protein causes an accumulation of beta-catenin and enhanced lung cancer cell invasion. In addition, the encoded protein can be secreted and be involved in resistance to insulin. [provided by RefSeq, Jul 2016] |