

Product datasheet for **RG234641**

ZNF568 (NM_001204835) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF568 (NM_001204835) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF568
Synonyms:	ZFP568
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG234641 representing NM_001204835
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACATCTCAATCTTCAGTGATCAGCAATAGCTGTGTGACAATGGAGCGTTTGAGCCACATGATGGAAA
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 CGGATGTGATATTCAAGTTGGAGCAAGAAGAGGAGCCCTGGGTGATGGAGGAAGAATGTTTGGGAGGCA
 CTGTCCAGTTTGGGAAGTTGATGAACAGATCAAGAAGCAACAGGAAACACTTGTGAGGAAAGTCACATCC
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 GTTCAGACATTGTTACTCAAGACAAAGCTTCTATGACTGTGACTCACTTGATAAGGGTTTGAACATAA
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 TACCATTGTGCATCCTATGTTGTAACCCCTTTAAGTGAATCAGTGTGGACAAGACTTCAGTCATAAAT
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 TACTGGTGAGAAACCTTTGAATGTAATGAATGTGGGAAAGCATTCTCTCAAAGGACATCCCTTTCTATA
 CATAAGAGAGGTCATACAGGTGAGAGACACCAAGTATAT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

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 Red=Cloning site Green=Tags(s)

MTSQSSVISNSCVTMRLSHMMERKAWCSQESALSEEEEDTTRPLETVTFKDVAVDLTQEEWEQMKPAQR
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 ECGKAFSQSSSLTVHMRNHTAEKPYECKEKGAFSRKENLITHQKIHTGEKPYECSECGKAFIQMSNLIR
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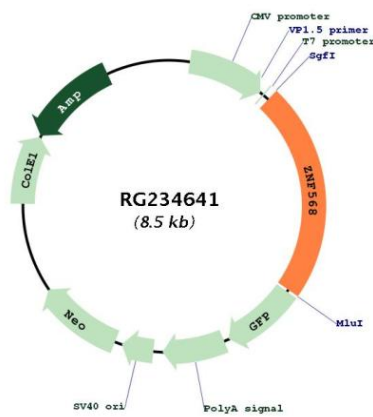
TRTRPLE – GFP Tag – V

Cytogenetics: 19q13.12

Protein Families: Transcription Factors

Gene Summary: Has transcriptional repression activity, partially through the recruitment of the corepressor TRIM28 but has also repression activity independently of this interaction. Essential during embryonic development, where it acts as direct repressor of a placental-specific transcript of IGF2 in early development and regulates convergent extension movements required for axis elongation and tissue morphogenesis in all germ layers. Also important for normal morphogenesis of extraembryonic tissues including the yolk sac, extraembryonic mesoderm and placenta. May enhance proliferation or maintenance of neural stem cells. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG234641