

Product datasheet for **RG209628**

TRIM35 (NM_171982) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	TRIM35
Synonyms:	HLS5; MAIR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG209628 representing NM_171982
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGCGGAGTCCCGACGTGTCCCCGGGCTTCCCGCTCCTTCAAGGAGGAGTTGCTCTGCGCCGTCT
 GCTACGACCCCTTCCGCGACGCACTCTGCGCTGCGGCCACAACCTTCTGCCGCGGGTGCCTGAGCCG
 CTGCTGGGAGGTGACAGGTGTGCCCCACCTGCCAGTGTGCAAAGACCGCGCTACCCGCCGACCTGCGC
 ACCAACCACACCCCTCAACAACCTGGTGGAGAAGCTGTGCGCGAGGAGGCCGAGGGCGCGCTGGACCA
 GCTACCGCTTCTGCGGTGTCTGCCGCTGCACCGCGGACAGCTCAGCCTCTTCTGCCCTGAGGACAAGGA
 GCTGCTGTGCTGCTCCTGCCAGGCCGACCCCGACACAGGGGCACCGCTGCAGCCGGTGAAGGACACT
 GCCACGACTTTCGGGCAAGTGCAGGAACATGGAGCATGCACTGCGGGAGAAGGCCAAGGCCTTCTGGG
 CCATGCGGCGCTCCTATGAGGCCATCGCCAAGCACAATCAGGTGGAGGCTGCATGGCTGGAAGGCCGGAT
 CCGGCAGGAGTTTGATAAGCTTCGCGAGTTCTTGAGAGTGGAGGAGCAGGCCATTCTGGATGCCATGGCC
 GAGGAGACAAGGCAGAAGCAACTTCTGGCCGACGAGAAGATGAAGCAGCTCACAGAGGAGACGGAGGTGC
 TGGCAGATGAGATCGAGCGGCTGCAGATGGAGATGAAGGAGGACGACGTTTCTTTCTCATGAAACACAA
 GAGCCGAAAACGCCGACTTCTTGCACCATGGAGCCAGAGCCAGTCCAGCCCGCATGCTTATCGATGTC
 TGCAAGTACCTGGGCTCCCTGCAGTACCGCTGGAAGAAGATGCTTGCATCTGTGGAATCTGTACCCT
 TCAGCTTTGACCCCAACACCGCAGCTGGCTGGCTCTCCGTGTCTGACGACCTACCAGCGTCACCAACCA
 TGGCTACCGCGTGCAGGTGGAGAACCAGGACGCTTCTCCTCGGCGCCCTGCCTGTGGGCTCCCGTGTCT
 TTCTCAGAGGCTCGCACGCTGGGAGGTGGCCCTTGGGGGCTGCAGAGCTGGAGGGTGGGCTGGTAC
 GTGTGCGCCAGGACTCGGGCGCTGAGGGCACTCACACAGTGTCTACCAGCACACGCTCGGGCTTCTG
 GTATGTCTGCGCACGCAAGGCGTGGAGGGGACCACTGCGTGACCTCGGACCCAGCCACGTCGCCCCTG
 GTCTTGGCCATCCACGCGCTGCGTGTGGAGCTGGAGTGTGAGGAGGCGAGCTGTCTTTCTATGACG
 CGGAGCGCACTGCCACCTGTACACCTTCCACGCGCTTGGGGAGGTTGCGCCCTACTTCTACCTGGG
 GGTGCACGGGCGCCGGGCTCCAGAGCCTTTCGCGATCTGCCCTTGACATCAGTGTCAAGGAAGAA
 CTGGATGGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA

Protein Sequence: >RG209628 representing NM_171982
 Red=Cloning site Green=Tags(s)

MERSPDVSPGSPRSFKEELLCAVCYDPFRDAVTLRCGHNFCRGCVSRWEVQVSPTCPVCKDRASPADLR
 TNHTLNNLVEKLLREEAEGARWTSYRFSRVCLHRGQLSLFCLEDKELLCCSCQADPRHQGHVQPVKDT
 AHDFAKCRNMEHALREKAKAFWAMRRSYEIAKHNVQEAALWLEGRIRQEFDKLREFLRVEEQAILDAMA
 EETRQKQLLADEKMKQLTEETEVLAEIERLQMEMKEDDVSLMKHKSRRRLFCTMEPEPVQPGMLIDV
 CKYLGSLQYRVWKKMLASVESVPFSFDPNTAAGWLSVDDLTSVTNHGYRVQVENPERFSSAPCLLGSRV
 FSQGSRAWVALGGLQSWRVGVVRVQDSGAEGHSHSCYHDTSGFWYVCRTQGVGDHCVTSDPATSP
 VLAIPRRRLRVELECEEGELSFYDAERHCHLYTFHARFGEVRPYFYLLGGARGAGPPEPLRICPLHISVKEE
 LDG

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_171982

ORF Size: 1479 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_171982.5](#)

RefSeq Size: 4227 bp

RefSeq ORF: 1482 bp

Locus ID: 23087

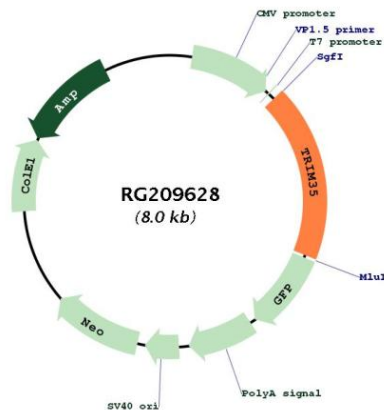
UniProt ID: [Q9UPQ4](#)

Cytogenetics: 8p21.2

Protein Families: Druggable Genome

Gene Summary: The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The function of this protein has not been identified. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG209628