

Product datasheet for **RG239578**

UHRF1 (NM_001290052) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UHRF1 (NM_001290052) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	UHRF1
Synonyms:	hNP95; hUHRF1; huNp95; ICBP90; Np95; RNF106; TDRD22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG239578 representing NM_001290052.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
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AACCGTCTTCCCGGCTACGGCAATGGCCGG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG239578
 Blue=ORF Red=Cloning site Green=Tag(s)

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MWIQVRTMDGRQTHTVDSL SRL TKVEELRRKIQELFHVEPGLQRLFYRGKQMEDGHTLFDYEVRLNDTI
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DPPLSSVPSSEDEWYCPECRNDASEVVLAGERLRESKKKAKMASATSSSQRDWKGGMACVGRKTECTIVP
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Restriction Sites: Sgfl-Mlul

RefSeq: [NM_001290052.1](#), [NP_001276981.1](#)

RefSeq Size: 3901 bp

RefSeq ORF: 2382 bp

Locus ID: 29128

UniProt ID: [Q96T88](#)

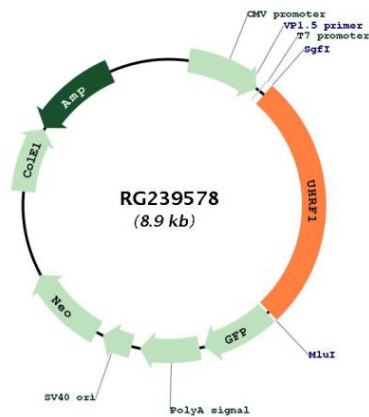
Cytogenetics: 19p13.3

Protein Families: Druggable Genome, Transcription Factors

MW: 90.3 kDa

Gene Summary: This gene encodes a member of a subfamily of RING-finger type E3 ubiquitin ligases. The protein binds to specific DNA sequences, and recruits a histone deacetylase to regulate gene expression. Its expression peaks at late G1 phase and continues during G2 and M phases of the cell cycle. It plays a major role in the G1/S transition by regulating topoisomerase IIalpha and retinoblastoma gene expression, and functions in the p53-dependent DNA damage checkpoint. It is regarded as a hub protein for the integration of epigenetic information. This gene is up-regulated in various cancers, and it is therefore considered to be a therapeutic target. Multiple transcript variants encoding different isoforms have been found for this gene. A related pseudogene exists on chromosome 12. [provided by RefSeq, Feb 2014]

Product images:



Circular map for RG239578