

Product datasheet for RC212821L2

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

OriGene Technologies, Inc.

HMGN2 (NM_005517) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: HMGN2 (NM_005517) Human Tagged Lenti ORF Clone

Tag: mGFP
Symbol: HMGN2
Synonyms: HMG17

Mammalian Cell None

Selection:

Vector: pLenti-C-mGFP (PS100071)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC212821).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_005517

ORF Size: 270 bp





HMGN2 (NM_005517) Human Tagged Lenti ORF Clone - RC212821L2

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.

RefSeq: <u>NM 005517.2</u>

RefSeq Size: 1306 bp RefSeq ORF: 273 bp Locus ID: 3151

 UniProt ID:
 P05204

 Cytogenetics:
 1p36.11

Domains: HMG14 17

Protein Families: Druggable Genome, Transcription Factors

MW: 9.2 kDa

Gene Summary: The protein encoded by this gene binds nucleosomal DNA and is associated with

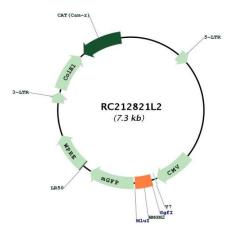
transcriptionally active chromatin. Along with a similar protein, HMGN1, the encoded protein may help maintain an open chromatin configuration around transcribable genes. The protein

has also been found to have antimicrobial activity against bacteria, viruses and fungi.

[provided by RefSeq, Oct 2014]



Product images:



Circular map for RC212821L2