

Product datasheet for RC200845L3

OriGene Technologies, Inc.

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HRP2 (HDGFRP2) (NM_001001520) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: HRP2 (HDGFRP2) (NM_001001520) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: HRP2

Synonyms: HDGF-2; HDGF2; HDGFRP2; HRP-2; HRP2

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

ORF Nucleotide The ORF insert of this clor

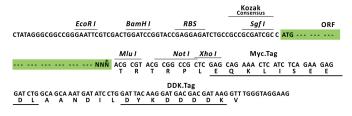
Sequence:

The ORF insert of this clone is exactly the same as(RC200845).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001001520

ORF Size: 2013 bp





HRP2 (HDGFRP2) (NM_001001520) Human Tagged Lenti ORF Clone - RC200845L3

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 001001520.1</u>

 RefSeq Size:
 2344 bp

 RefSeq ORF:
 2016 bp

 Locus ID:
 84717

 UniProt ID:
 Q7Z4V5

 Cytogenetics:
 19p13.3

MW: 74.1 kDa

Gene Summary: This gene encodes a member of the hepatoma-derived growth factor (HDGF) family. The

protein includes an N-terminal PWWP domain that binds to methyl-lysine-containing histones, with specific binding of this protein to tri-methylated lysines 36 and 79 of histone H3, and diand tri-methylated lysine 20 of histone H4. The protein functions in LEDGF/p75-independent HIV-1 replication by determining HIV-1 integration site selection. Alternative splicing of this

gene results in multiple transcript variants. [provided by RefSeq, Apr 2014]