

## Product datasheet for **RC202260L4V**

### **HBP1 (NM\_012257) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	HBP1 (NM_012257) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HBP1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012257
ORF Size:	1542 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202260).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_012257.3</a>
RefSeq Size:	2858 bp
RefSeq ORF:	1545 bp
Locus ID:	26959
UniProt ID:	<a href="#">O60381</a>
Cytogenetics:	7q22.3
Domains:	HMG, AXH
Protein Families:	Transcription Factors
MW:	57.6 kDa



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**Gene Summary:**

Transcriptional repressor that binds to the promoter region of target genes. Plays a role in the regulation of the cell cycle and of the Wnt pathway. Binds preferentially to the sequence 5'-TTCATTCATTCA-3'. Binding to the H1F0 promoter is enhanced by interaction with RB1. Disrupts the interaction between DNA and TCF4.[UniProtKB/Swiss-Prot Function]