

Product datasheet for **RR208581L4V**

Hbs1l (NM_001011934) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hbs1l (NM_001011934) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Hbs1l
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001011934
ORF Size:	2037 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR208581).
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.
RefSeq:	NM_001011934.1 , NP_001011934.1
RefSeq Size:	2721 bp
RefSeq ORF:	2040 bp
Locus ID:	293408
UniProt ID:	Q6AXM7
Cytogenetics:	1p12



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Gene Summary:

Cotranslational quality control factor involved in the No-Go Decay (NGD) pathway. In the presence of ABCE1 and PELO, is required for 48S complex formation from 80S ribosomes and dissociation of vacant 80S ribosomes. Together with PELO and in presence of ABCE1, recognizes stalled ribosomes and promotes dissociation of elongation complexes assembled on non-stop mRNAs; this triggers endonucleolytic cleavage of the mRNA, a mechanism to release non-functional ribosomes and to degrade damaged mRNAs as part of the No-Go Decay (NGD) pathway.[UniProtKB/Swiss-Prot Function]