

Product datasheet for **MR221900L4V**

Hes2 (NM_008236) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hes2 (NM_008236) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hes2
Synonyms:	HES-; HES-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008236
ORF Size:	471 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221900).
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_008236.4 , NP_032262.2
RefSeq Size:	2521 bp
RefSeq ORF:	474 bp
Locus ID:	15206
UniProt ID:	O54792
Cytogenetics:	4 82.92 cM



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Gene Summary:

The protein encoded by this gene belongs to the mammalian Hes gene family, the mammalian homologues of *Drosophila* hairy and Enhancer of split. Hes 2 is a basic helix-loop-helix transcriptional repressor and is an effector of the Notch signaling pathway. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]