

Product datasheet for **MR202396L4V**

Hand1 (NM_008213) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hand1 (NM_008213) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hand1
Synonyms:	bHLHa27; eHAND; Ehand1; Hxt; Th1; Thing1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008213
ORF Size:	648 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202396).
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_008213.2 , NP_032239.1
RefSeq Size:	1898 bp
RefSeq ORF:	651 bp
Locus ID:	15110
UniProt ID:	Q64279
Cytogenetics:	11 35.27 cM



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Gene Summary:

Transcription factor that plays an essential role in both trophoblast-giant cells differentiation and in cardiac morphogenesis. In the adult, could be required for ongoing expression of cardiac-specific genes. Binds the DNA sequence 5'-NRTCTG-3' (non-canonical E-box).
[UniProtKB/Swiss-Prot Function]