

Product datasheet for **MR208286L3V**

Hsf2 (NM_008297) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hsf2 (NM_008297) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hsf2
Synonyms:	AI661205
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008297
ORF Size:	1554 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208286).
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_008297.2 , NP_032323.2
RefSeq Size:	2623 bp
RefSeq ORF:	1554 bp
Locus ID:	15500
UniProt ID:	P38533
Cytogenetics:	10 B4



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Gene Summary:

DNA-binding protein that specifically binds heat shock promoter elements (HSE) and activates transcription. In higher eukaryotes, HSF is unable to bind to the HSE unless the cells are heat shocked. HSF2 is expressed in a form that binds DNA constitutively but loses DNA binding by incubation at greater than 41 degrees C.[UniProtKB/Swiss-Prot Function]