

Product datasheet for **MR216888L4V**

Med23 (NM_001166416) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Med23 (NM_001166416) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Med23
Synonyms:	130kDa; 3000002A17Rik; Crsp3; ESTM7; mKIAA1216; Sur2; X83317
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001166416
ORF Size:	4128 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216888).
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_001166416.1 , NP_001159888.1
RefSeq Size:	4946 bp
RefSeq ORF:	4131 bp
Locus ID:	70208
UniProt ID:	Q80YQ2
Cytogenetics:	10



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Gene Summary:

Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional pre-initiation complex with RNA polymerase II and the general transcription factors (By similarity). Also required for transcriptional activation subsequent to the assembly of the pre-initiation complex. Required for transcriptional activation by adenovirus E1A protein. Required for ELK1-dependent transcriptional activation in response to activated Ras signaling. [UniProtKB/Swiss-Prot Function]