

Product datasheet for **MR217688L4V**

Qsox1 (NM_023268) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Qsox1 (NM_023268) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Qsox1
Synonyms:	1300003H02Rik; Qscn6; QSOX; SOx
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023268
ORF Size:	1704 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217688).
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_023268.2 , NP_075757.1
RefSeq Size:	2533 bp
RefSeq ORF:	1707 bp
Locus ID:	104009
UniProt ID:	Q8BND5
Cytogenetics:	1 G3



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Gene Summary:

Catalyzes the oxidation of sulfhydryl groups in peptide and protein thiols to disulfides with the reduction of oxygen to hydrogen peroxide (PubMed:26819240). Plays a role in disulfide bond formation in a variety of extracellular proteins (PubMed:26819240). In fibroblasts, required for normal incorporation of laminin into the extracellular matrix, and thereby for normal cell-cell adhesion and cell migration (PubMed:26819240).[UniProtKB/Swiss-Prot Function]