

Product datasheet for **MR204388L4V**

Ucp2 (NM_011671) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ucp2 (NM_011671) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ucp2
Synonyms:	Slc25a8; UCP 2; UCPH
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_011671
ORF Size:	930 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204388).
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_011671.2
RefSeq Size:	1583 bp
RefSeq ORF:	930 bp
Locus ID:	22228
UniProt ID:	P70406
Cytogenetics:	7 54.36 cM



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Gene Summary:

UCP are mitochondrial transporter proteins that create proton leaks across the inner mitochondrial membrane, thus uncoupling oxidative phosphorylation from ATP synthesis. As a result, energy is dissipated in the form of heat (By similarity).[UniProtKB/Swiss-Prot Function]