

## Product datasheet for **RC200171L2V**

### DUSP23 (NM\_017823) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	DUSP23 (NM_017823) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DUSP23
Synonyms:	DUSP25; LDP-3; LDP3; MOSP; VHZ
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_017823
ORF Size:	450 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200171).
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. <a href="#">More info</a>
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:	<a href="#">NM_017823.3</a>
RefSeq Size:	718 bp
RefSeq ORF:	453 bp
Locus ID:	54935
UniProt ID:	<a href="#">Q9BVJ7</a>
Cytogenetics:	1q23.2
Domains:	DSPc, PTPc_motif
Protein Families:	Druggable Genome, Phosphatase



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**MW:** 16.6 kDa

**Gene Summary:** Protein phosphatase that mediates dephosphorylation of proteins phosphorylated on Tyr and Ser/Thr residues. In vitro, it can dephosphorylate p44-ERK1 (MAPK3) but not p54 SAPK-beta (MAPK10) in vitro. Able to enhance activation of JNK and p38 (MAPK14).  
[UniProtKB/Swiss-Prot Function]