

Product datasheet for **MR220040L4V**

Elmo2 (NM_080287) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Elmo2 (NM_080287) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Elmo2
Synonyms:	1190002F24Rik; CED-12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080287
ORF Size:	2160 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220040).
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_080287.2 , NP_525026.2
RefSeq Size:	4600 bp
RefSeq ORF:	2163 bp
Locus ID:	140579
UniProt ID:	Q8BHL5
Cytogenetics:	2 H3



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Gene Summary:

Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Acts in association with DOCK1 and CRK. Was initially proposed to be required in complex with DOCK1 to activate Rac Rho small GTPases. May enhance the guanine nucleotide exchange factor (GEF) activity of DOCK1 (By similarity).[UniProtKB/Swiss-Prot Function]