

Product datasheet for **MR215935L3V**

Dstyk (NM_172516) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dstyk (NM_172516) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dstyk
Synonyms:	A930019K20Rik; C430014H23Rik; C820013G01; Ripk5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_172516
ORF Size:	2781 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215935).
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_172516.4 , NP_766104.2
RefSeq Size:	6385 bp
RefSeq ORF:	2784 bp
Locus ID:	213452
UniProt ID:	Q6XUX1
Cytogenetics:	1 E4



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Gene Summary:

Acts as a positive regulator of ERK phosphorylation downstream of fibroblast growth factor-receptor activation. Involved in the regulation of both caspase-dependent apoptosis and caspase-independent cell death. In the skin, it plays a predominant role in suppressing caspase-dependent apoptosis in response to UV stress in a range of dermal cell types. [UniProtKB/Swiss-Prot Function]