

Product datasheet for **RC224461L4V**

DERA (NM_015954) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DERA (NM_015954) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DERA
Synonyms:	CGI-26; DEOC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015954
ORF Size:	954 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224461).
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_015954.1
RefSeq Size:	1561 bp
RefSeq ORF:	957 bp
Locus ID:	51071
UniProt ID:	Q9Y315
Cytogenetics:	12p12.3
Protein Families:	Druggable Genome
Protein Pathways:	Pentose phosphate pathway



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MW: 35.1 kDa

Gene Summary: Catalyzes a reversible aldol reaction between acetaldehyde and D-glyceraldehyde 3-phosphate to generate 2-deoxy-D-ribose 5-phosphate. Participates in stress granule (SG) assembly. May allow ATP production from extracellular deoxyinosine in conditions of energy deprivation.[UniProtKB/Swiss-Prot Function]