

## Product datasheet for **RC230760L4V**

### ENY2 (NM\_001193557) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ENY2 (NM_001193557) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ENY2
Synonyms:	DC6; e(y)2; Sus1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001193557
ORF Size:	306 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230760).
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_001193557.1</a> , <a href="#">NP_001180486.1</a>
RefSeq Size:	2876 bp
RefSeq ORF:	291 bp
Locus ID:	56943
UniProt ID:	<a href="#">Q9NPA8</a>
Cytogenetics:	8q23.1
MW:	11.5 kDa



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**Gene Summary:**

Involved in mRNA export coupled transcription activation by association with both the TREX-2 and the SAGA complexes. The transcription regulatory histone acetylation (HAT) complex SAGA is a multiprotein complex that activates transcription by remodeling chromatin and mediating histone acetylation and deubiquitination. Within the SAGA complex, participates in a subcomplex that specifically deubiquitinates both histones H2A and H2B. The SAGA complex is recruited to specific gene promoters by activators such as MYC, where it is required for transcription. Required for nuclear receptor-mediated transactivation (PubMed:18206972, PubMed:21746879). As a component of the TREX-2 complex, involved in the export of mRNAs to the cytoplasm through the nuclear pores (PubMed:23591820). [UniProtKB/Swiss-Prot Function]