

Product datasheet for **RC226278L4V**

ERAP2 (NM_001130140) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ERAP2 (NM_001130140) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ERAP2
Synonyms:	L-RAP; LRAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001130140
ORF Size:	2880 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226278).
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_001130140.1
RefSeq ORF:	2883 bp
Locus ID:	64167
UniProt ID:	Q6P179
Cytogenetics:	5q15
Protein Families:	Druggable Genome, Protease
MW:	110.3 kDa



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Gene Summary:

This gene encodes a zinc metalloaminopeptidase of the M1 protease family that resides in the endoplasmic reticulum and functions in N-terminal trimming antigenic epitopes for presentation by major histocompatibility complex (MHC) class I molecules. Certain mutations in this gene are associated with the inflammatory arthritis syndrome ankylosing spondylitis and pre-eclampsia. This gene is located adjacent to a closely related aminopeptidase gene on chromosome 5. [provided by RefSeq, Jul 2016]