

## Product datasheet for **RC206035L4V**

### ZMPSTE24 (NM\_005857) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ZMPSTE24 (NM_005857) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ZMPSTE24
Synonyms:	FACE-1; FACE1; HGPS; PRO1; STE24; Ste24p
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005857
ORF Size:	1425 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206035).
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_005857.3</a>
RefSeq Size:	3154 bp
RefSeq ORF:	1428 bp
Locus ID:	10269
UniProt ID:	<a href="#">O75844</a>
Cytogenetics:	1p34.2
Domains:	Peptidase_M48
Protein Families:	Druggable Genome, Protease, Transmembrane



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**MW:** 54.6 kDa

**Gene Summary:** This gene encodes a member of the peptidase M48A family. The encoded protein is a zinc metalloproteinase involved in the two step post-translational proteolytic cleavage of carboxy terminal residues of farnesylated prelamin A to form mature lamin A. Mutations in this gene have been associated with mandibuloacral dysplasia and restrictive dermopathy. [provided by RefSeq, Jul 2008]