

Product datasheet for **RC201660L4V**

KDEL1 (POGLUT2) (NM_024089) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KDEL1 (POGLUT2) (NM_024089) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POGLUT2
Synonyms:	EP58; ERp58; KDEL1; KDEL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024089
ORF Size:	1506 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201660).
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_024089.1 , NP_076994.1
RefSeq Size:	2129 bp
RefSeq ORF:	1509 bp
Locus ID:	79070
UniProt ID:	Q6UW63
Cytogenetics:	13q33.1
Domains:	Filamin, CAP10
MW:	58 kDa



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Gene Summary:

This gene encodes a protein product localized to the lumen of the endoplasmic reticulum. As a member of the endoplasmic reticulum protein family the encoded protein contains a Lys-Asp-Glu-Leu or KDEL motif located at the extreme C-terminus which prevents all endoplasmic reticulum resident proteins from being secreted. Proteins carrying this motif are bound by a receptor in the Golgi apparatus so that the receptor-ligand complex returns to the endoplasmic reticulum. A processed non-transcribed pseudogene located in an intron of a sodium transporter gene on chromosome 5 has been defined for this gene. This gene has multiple transcript variants which are predicted to encode distinct isoforms. [provided by RefSeq, Jan 2016]