

Product datasheet for **RC222885L4V**

EDEM3 (NM_025191) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EDEM3 (NM_025191) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EDEM3
Synonyms:	C1orf22
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025191
ORF Size:	2796 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222885).
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_025191.3
RefSeq Size:	6670 bp
RefSeq ORF:	2799 bp
Locus ID:	80267
UniProt ID:	Q9BZQ6
Cytogenetics:	1q25.3
Domains:	Glyco_hydro_47, PA
MW:	105.1 kDa



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Gene Summary:

Quality control in the endoplasmic reticulum (ER) ensures that only properly folded proteins are retained in the cell through recognition and degradation of misfolded or unassembled proteins. EDEM3 belongs to a group of proteins that accelerate degradation of misfolded glycoproteins in the ER (Hirao et al., 2006 [PubMed 16431915]).[supplied by OMIM, Mar 2008]