

Product datasheet for **RC205655L4V**

EDEM1 (NM_014674) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EDEM1 (NM_014674) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EDEM1
Synonyms:	EDEM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014674
ORF Size:	1971 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205655).
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_014674.1 , NP_055489.1
RefSeq Size:	6072 bp
RefSeq ORF:	1974 bp
Locus ID:	9695
UniProt ID:	Q92611
Cytogenetics:	3p26.1
Domains:	Glyco_hydro_47
Protein Families:	Transmembrane


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MW: 73.6 kDa

Gene Summary: Extracts misfolded glycoproteins, but not glycoproteins undergoing productive folding, from the calnexin cycle. It is directly involved in endoplasmic reticulum-associated degradation (ERAD) and targets misfolded glycoproteins for degradation in an N-glycan-independent manner, probably by forming a complex with SEL1L. It has low mannosidase activity, catalyzing mannose trimming from Man8GlcNAc2 to Man7GlcNAc2.[UniProtKB/Swiss-Prot Function]