Product datasheet for RC209333L3V

AER61 (EOGT) (NM_173654) Human Tagged ORF Clone Lentiviral Particle

Product data:

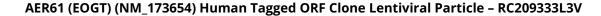|	
Product Type:	Lentiviral Particles
Product Name:	AER61 (EOGT) (NM_173654) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AER61
Synonyms:	AER61; AOS4; C3orf64; EOGT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_173654
ORF Size:	1329 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209333).
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_173654.1, NP_775925.1
RefSeq Size:	4414 bp
RefSeq ORF:	1332 bp
Locus ID:	285203
UniProt ID:	Q5NDL2
Cytogenetics:	3p14.1
MW:	52.3 kDa

View online »

Gene Summary: This gene encodes an enzyme that acts in the lumen of the endoplasmic reticulum to catalyze the transfer of N-acetylglucosamine to serine or threonine residues of extracellular-targeted proteins. This enzyme modifies proteins containing eukaryotic growth factor (EGF)-like domains, including the Notch receptor, thereby regulating developmental signalling. Mutations in this gene have been observed in individuals with Adams-Oliver syndrome 4. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015]