

Product datasheet for **MR222576L3V**

Ciita (NM_007575) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ciita (NM_007575) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ciita
Synonyms:	C2t; C2ta; EG669998; Gm9475; Mhc2ta
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007575
ORF Size:	3234 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222576).
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_007575.4 , NP_031601.1
RefSeq Size:	5330 bp
RefSeq ORF:	3237 bp
Locus ID:	12265
UniProt ID:	P79621
Cytogenetics:	16 A1



[View online »](#)

Gene Summary:

This gene encodes a member of the NOD-like receptor protein family. This protein acts as a transcriptional coactivator and component of the enhanceosome complex to stimulate transcription of MHC class II genes in the adaptive immune response. This protein may also regulate the transcription of MHC class I genes. Mutations in the human gene have been linked to a rare immunodeficiency, bare lymphocyte syndrome, and homozygous knockout mice exhibit many features of this disease. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014]