

Product datasheet for **RC228153L3V**

TMEM114 (NM_001146336) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Symbol: TMEM114

Mammalian Cell Selection: Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK

ACCN: NM_001146336

ORF Size: 669 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC228153).

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_001146336.1](#), [NP_001139808.1](#)

RefSeq ORF: 672 bp

Locus ID: 283953

UniProt ID: [B3SHH9](#)

Cytogenetics: 16p13.2

MW: 24 kDa



Gene Summary:

This gene encodes a glycosylated transmembrane protein that plays a role in lens and eye development. Mutations in this gene, including a t(16;22)(p13.3;q11.2) translocation, are associated with congenital and juvenile cataract disorders. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2014]