Product datasheet for **RC209440L3**

**TIM 3 (HAVCR2) (NM_032782) Human Tagged ORF Clone**

**Product data:**

Product Type: Expression Plasmids  
Product Name: TIM 3 (HAVCR2) (NM_032782) Human Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: HAVCR2  
Synonyms: CD366; HAVcr-2; KIM-3; SPTCL; Tim-3; TIM3; TIMD-3; TIMD3  
Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)  
E. coli Selection: Chloramphenicol (34 μg/mL)  
Cell Selection: Puromycin  
ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as (RC209440).  
Restriction Sites: SgfI-MluI  
Cloning Scheme:  

![Cloning sites used for ORF Shuttling](image)  

ACCN: NM_032782  
ORF Size: 903 bp  

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This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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_032782.3, NP_116171.3
RefSeq Size: 2448 bp
RefSeq ORF: 906 bp
Locus ID: 84868
Cytogenetics: 5q33.3
Domains: IG
Protein Families: Druggable Genome, Transmembrane
MW: 33.4 kDa
Gene Summary: The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance. [provided by RefSeq, Sep 2011]