

## Product datasheet for **KN209440**

### **TIM 3 (HAVCR2) Human Gene Knockout Kit (CRISPR)**

#### Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 GFP-puro donor, 1 scramble control
Donor DNA:	GFP-puro
Symbol:	TIM 3
Locus ID:	84868
Components:	<p><b>KN209440G1</b>, TIM 3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN209440G2</b>, TIM 3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p><b>KN209440D</b>, donor DNA containing left and right homologous arms and GFP-puro functional cassette.</p> <p><b>GE100003</b>, scramble sequence in pCas-Guide vector</p>
RefSeq:	<a href="#">NM_032782</a>
UniProt ID:	<a href="#">Q8TDQ0</a>
Synonyms:	CD366; HAVcr-2; KIM-3; Tim-3; TIM3; TIMD-3; TIMD3
Summary:	<p>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]</p>



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## Product images:

