

## HAVCR2

### Recombinant Human TIM-3:Fc Chimera

<b>Catalog No.</b>	CRH050	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	CD366, HAVcr-2, KIM-3, TIM3, TIMD-3, TIMD3, Tim-3		
<b>Description:</b>	<p>TIM-3 belongs to the immunoglobulin superfamily, and TIM (T cell/ transmembrane, immunoglobulin and mucin) family of proteins. The TIM family plays a critical role in regulating immune responses, including allergy, asthma, transplant tolerance, autoimmunity and the response to viral infections. TIM-3 is preferentially expressed on Th1 and Tc1 cells, and generates an inhibitory signal resulting in apoptosis of Th1 and Tc1 cells. TIM-3 is also expressed on some dendritic cells and can mediate phagocytosis of apoptotic cells and cross-presentation of antigen. Tim-3 functions to inhibit aggressive Th1-mediated auto- and alloimmune responses. Tim-3 pathway blockade by administration of Tim-3:Fc fusion protein accelerates diabetes in nonobese diabetic mice, causes hyperproliferation of Th1 cells and Th1 cytokine release in an experimental autoimmune encephalomyelitis (EAE) model and prevents acquisition of transplantation tolerance induced by costimulation blockade.</p> <p>Recombinant Human TIM-3:Fc contains the extracellular domain of human TIM-3 (aa 22-200) is fused to the N-terminus of the Fc region of human IgG1.</p>		
<b>Gene ID:</b>	84868		
<b>Protein Accession No:</b>	NP_116171.3		
<b>Source:</b>	CHO cells		
<b>Formulation:</b>	Lyophilized from a sterile-filtered solution in PBS.		
<b>Purity:</b>	≥98% (SDS-PAGE)		
<b>Endotoxin Level:</b>	<0.06 EU/µg purified protein as determined by LAL test (Lonza).		
<b>Biological Activity:</b>	Measured by its binding ability in a functional ELISA.		
<b>Reconstitution:</b>	Reconstitute with 100 µl sterile PBS to a concentration of 1 mg/ml.		
<b>Storage &amp; Stability:</b>	Lyophilized product is stable at 2-8°C for shipping purposes. Upon receipt, store for at least 1 year at -20°C. After reconstitution, prepare aliquots and store at -20°C for up to 3 months. <b>Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

