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32-8939: Recombinant Cynomolgus TIM-3/HAVCR2 (C-Fc)(Discontinued)

Gene : EGM_15593
Uniprot ID : G7P6Q7

Description

Source: E. coli.
MW :46.3kD.
Recombinant Cynomolgus T Cell Immunoglobulin and Mucin Domain-3 is produced by our Mammalian expression system and the target gene encoding Ser22-Arg201 is expressed with a Fc tag at the C-terminus. T cell immunoglobulin and mucin domain 3 is a member of the TIM family of immune regulating molecules. Mature cynomolgus TIM3 consists of a 182 amino acid (aa)extracellular domain (ECD), a 21 aa transmembrane segment, and a 78 aa cytoplasmic tail. TIM3 is up-regulated on several populations of activated myeloid cells (macrophage, monocyte, dendritic cell, microglia, mast cell) and T cells (Th1, CD8+, NK, Treg). Its binding to Galectin9 induces a range of immunosuppressive functions which enhance immune tolerance and inhibit anti-tumor immunity. TIM3 ligation attenuates CD8+ and Th1 cell responses and promotes the activity of Treg and myeloid derived suppressor cells. TIM3 interactions with Galectin-9 can trigger immune stimulatory effects, such as the coactivation of NK cell cytotoxicity.

Product Info

Amount :	10 μg / 50 μg
Content :	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	SEVEYIAEVGQNAYLPCSYTPAPPGNLVPVCWGKGACPVFDCSNVVLRTDNRDVNDRTSGRYWLKGDFHKGD VSLTIENVTLADSGVYCCRIQIPGIMNDEKHNVKLVVIKPAKVTPAPTLQRDLTSAFPRMLTTGEHGPAETQTPGS LPDVNLTVSNFFCELQIFTLTNELRDSGATIRIEGRMDPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMIS RTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNK ALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSD GSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âμg (1 IEU/Ã□Âμg) as determined by LAL test.