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32-8985: Recombinant Human TIM-3/HAVCR2 (C-Fc-Avi)

Gene : HAVCR2
Gene ID : 84868
Uniprot ID : Q8TDQ0

Description

Source: Human Cells.
MW :48.8kD.
Recombinant Human T-Cell Membrane Protein 3 is produced by our Mammalian expression system and the target gene encoding Ser22-Arg200 is expressed with a Fc & Avi tag at the C-terminus. Hepatitis A virus cellular receptor 2 (HAVCR2) is a single-pass type I membrane protein and it contains 1 Ig-like V-type (immunoglobulin-like) domain. The protein belongs to the immunoglobulin superfamily, and TIM family of proteins. The protein regulates macrophage activation. It inhibits T-helper type 1 lymphocyte (Th1)-mediated auto- and alloimmune responses and promotes immunological tolerance. It may be also involved in T-cell homing and it is receptor for LGALS9. CD4 (MIM 186940)-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells and their associated cytokines 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. The 2 types of cells also cross-regulate the functions of the other. TIM3 is a Th1-specific cell surface protein that regulates macrophage activation and enhances the severity of experimental autoimmune encephalomyelitis in mice.

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 :	SEVEYRAEVGQNAYLPCFYTPAAPGNLVPVCWGKGACPVFECGNVVLRTDERDVNYWTSRYWLNGDFRKGD VSLTIENVTLADSGIYCCRIQIPGIMNDEKFNLKLVIKPAKVTPAPTLQRDFTAAFPRMLTTRGHGPAETQTLGSLP DINLTQISTLANELRDSRLANDLRDSGATIRVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTL MISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKV SNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKGLNDIFEAQKIEWHE

Application Note

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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.