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32-7325: Recombinant Human T Cell Immunoglobulin and Mucin Domain-3/TIM3/HAVCR2 (C-6His)

Gene : HAVCR2
Gene ID : 84868
Uniprot ID : Q8TDQ0

Description

Source: Human Cells.
MW :20.86kD.
Recombinant Human TIM-3 is produced by our Mammalian expression system and the target gene encoding Ser22-Arg200 is expressed with a 6His tag at the C-terminus. T-Cell Membrane Protein 3 (TIM3) is a single-pass type I membrane protein that belongs to the TIM family of immunoglobulin superfamily. TIM3 includes a signal sequence (aa 1-21), an extracellular region (aa 22-202) with one Ig-like V-type domain, a transmembrane segment (aa 203-223), and a cytoplasmic domain (aa 224 - 301). TIM3 regulates macrophage activation, 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 as a receptor for LGALS9.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
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 DINLTQISTLANELRDSRLANDLRDSGATIRVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

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