

## 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 :** SEVEYRAEVGQNAYLPCFYTPAAPGNLVPVCWGKGACPVFECGNVVLRTDERDVNYWTSRYWL  
NGDFRKGDVSLTIENVTLADSGIYCCRIQIPGIMNDEKFNLKLVIPAKVTPAPTLQRDFTAAFPRL  
TTRGHGPAETQTLGSLPDINLTQISTLANELRDSRLANDLRDSGATIRVDHHHHHH

### 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 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.