

### 32-9616: Recombinant Cynomolgus TIM-3/HAVCR2 (N-His)

**Alternative Name :** T cell immunoglobulin and mucin domain3; HAVCR2; Tim-3; TIM3

#### Description

Source : Human Cells;

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 :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Amino Acid :** 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 8His tag at the N-terminus.