Product Name: Recombinant Cynomolgus TIM-3 (C-Fc)
Catalog #: PHV1652

概述（Summary）

英文全称	TIM-3/HAVCR2/TIMD3/T Cell Immunoglobulin and Mucin Domain-3
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	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 human IgG1 Fc tag at the C-terminus.
Accession #	G7P6Q7
蛋白标签（Tag）	
表达宿主（Host）	Human Cells
种属（Species）	Cynomolgus
预测分子量（Predicted MW）	46.3 KDa
蛋白形态（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液（Buffer）	
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

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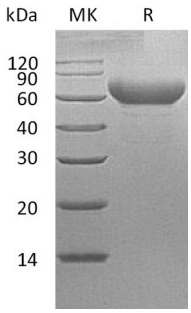

背景（Background）

分子别名（Alternative Names）	T cell immunoglobulin and mucin domain3; HAVCR2; Tim-3; TIM3
背景介绍（References）	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.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.