Recombinant Human TIM-3/HAVCR2/CD366 Protein

Catalog No.: RP00069

Sequence Information

Species	Gene ID
Human	84868
Swiss Prot	**Tags**
Q8TDQ0	C-His

Synonyms

HAVCR2,CD366,HAVcr-2,KIM-3, TIM3,TIMD-3,TIMD3,Tim-3, CD366, KIM-3, SPTCL, TIMD3, Tim-3, TIMD-3, HAVcr-2

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.
Calculated MW	**Observed MW**
20.71 kDa	30-50 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

The protein is belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells 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. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance.

Basic Information

Description

Recombinant Human TIM-3/HAVCR2/CD366 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Ser22-Arg200) of human TIM-3 (Accession #NP_116171.3) fused with a 6×His tag at the C-terminus.

Activity

Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human Galectin9 at 2 μg/mL can bind recombinant human HAVCR2 with a linear range of 0.3-5 μg/mL.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20℃

Operational Notes

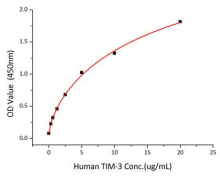
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

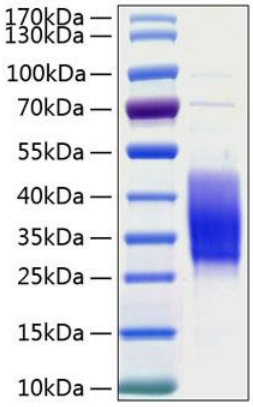
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Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Immobilized Recombinant Human Galectin9 at 2 μg/mL can bind recombinant human HAVCR2 with a linear range of 0.3-5 μg/mL.



Recombinant Human TIM-3/HAVCR2/CD366 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.