

## Recombinant human HAVCR2 protein, C-His (HEK293)

Catalog Number: bs-47212P

Concentration: >0.5 mg/ml

AA Seq: 22-200/301

Predicted MW: 20

Detected MW: Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.

Tags: C-His

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

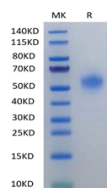
Form: Lyophilized

Storage: Lyophilized from 0.22μm filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

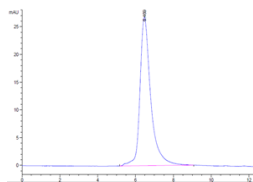
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** The protein encoded by this gene 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. [provided by RefSeq, Sep 2011]

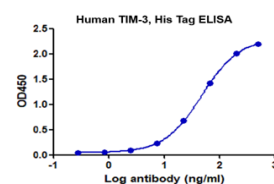
### VALIDATION IMAGES



Recombinant TIM-3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of TIM3 (Cat. TIM-HM131) is greater than 95% as determined by SEC-HPLC.



Immobilized human Tim-3 at 0.5ug/ml (100ul/well), dose response curve for antibody with EC50 of 47.05ng/ml determined by ELISA