

Rev04
 Update: Aug,20,2025

DATASHEET

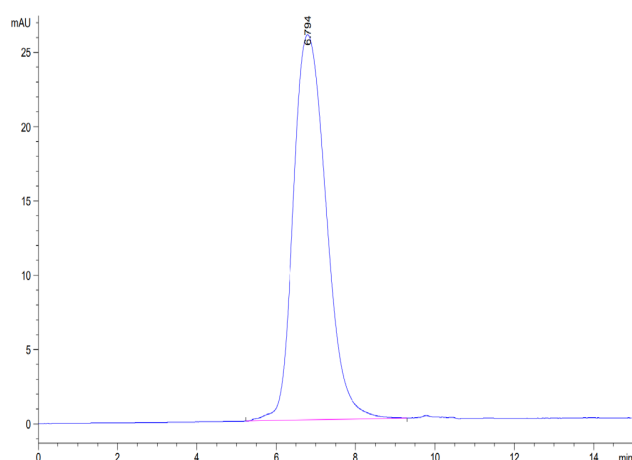
TIM-3/HAVCR2, His, Mouse

Cat. No.: Z06374

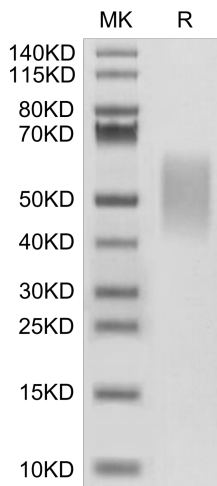
Product Introduction

Species	Mouse
Protein Construction	<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> TIM-3/HAVCR2 (Leu22-Arg191)_x000D_ Accession # Q8VIM0-1 </div> <div style="background-color: #76923c; color: white; padding: 5px; text-align: center;"> His </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	19.9 kDa,
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 40-68 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable for 6 months at -20°C or below. Upon reconstitution, the product should be stable for 3 months at -80°C. Avoid repeated freeze-thaw cycles.

Examples



The purity of TIM-3/HAVCR2, His, Mouse is greater than 95% as determined by SEC-HPLC.



TIM-3/HAVCR2, His, Mouse on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

Background

Target Background : Hepatitis A virus cellular receptor 2 (HAVCR2), also known as T-cell immunoglobulin and mucin-domain containing-3 (TIM-3), is a protein that in humans is encoded by the HAVCR2 gene. TIM3 is an immune checkpoint and together with other inhibitory receptors including programmed cell death protein 1 (PD-1) and lymphocyte activation gene 3 protein (LAG3) mediate the CD8 T-cell exhaustion. TIM3 has also been shown as a CD4 Th1-specific cell surface protein that regulates macrophage activation and enhances the severity of experimental autoimmune encephalomyelitis in mice.

Synonyms : CD366; TIM3; TIM-3; TIMD-3; TIM 3; FLJ14428; HAVCR2; KIM3

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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