Product Name: Recombinant Mouse TIM-1 (C-6His)
Catalog #: PHM1648

Summary

Name	TIM-1/KIM-1/HAVCR/HAVCR1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse Hepatitis A Virus Cellular Receptor 1 Homolog is produced by our Mammalian expression system and the target gene encoding Tyr22/xadThr212 is expressed with a 6His tag at the C-terminus.
Accession #	Q5QNS5
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	21.8 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
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.
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.

SDS-PAGE image

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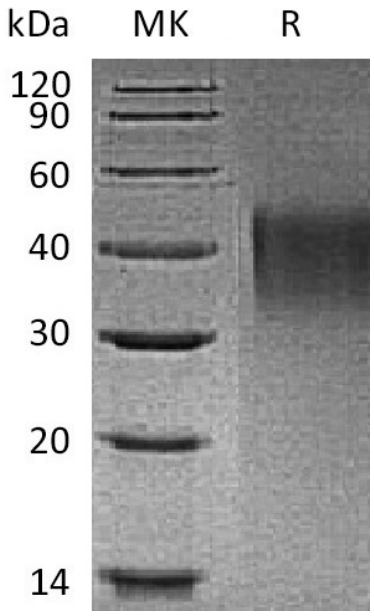

Alternative Names

Hepatitis A virus cellular receptor 1 homolog; HAVcr-1; Kidney injury molecule 1; KIM-1; T cell membrane protein 1; TIM-1

Background

TIM-1/KIM-1/HAVCR belongs to the immunoglobulin superfamily that cosisits 305 amino acid (aa). It is expressed by stimulated T-cells. TIM-1/KIM-1/HAVCR may play a role in T-helper cell development and the regulation of asthma and allergic diseases. Receptor for TIMD4. And may have a role in kidney injury and repair. Belongs to the T-cell and airway phenotype regulator (Tapr) locus, a single chromosomal region that confers reduced T-helper type 2 responsiveness and protects against airway hyperactivity (AHR), the hallmark of human asthma.

Note

For Research Use Only , Not for Diagnostic Use.