

Rev02
Update: Aug,08,2025**DATASHEET**

TIM-1/HAVCR1, His, Cynomolgus

Cat. No.: Z04923

Product Introduction

Species	Cynomolgus				
Protein Construction	<table><tr><td>TIM-1/HAVCR1 (Val23-Gly342) Accession # A0A2K5WXJ6</td><td>His</td></tr><tr><td>N-term</td><td>C-term</td></tr></table>	TIM-1/HAVCR1 (Val23-Gly342) Accession # A0A2K5WXJ6	His	N-term	C-term
TIM-1/HAVCR1 (Val23-Gly342) Accession # A0A2K5WXJ6	His				
N-term	C-term				
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC				
Endotoxin Level	Less than 1EU per µg by the LAL method.				
Expression System	HEK293				
Theoretical Molecular Weight	35.25 kDa				
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 100-150 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 up to 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.				

Background

Target Background : Kidney injury molecule 1 (KIM-1, also known as TIM-1) is markedly upregulated in the proximal tubule after injury and is maladaptive when chronically expressed. KIM-1-mediated epithelial cell phagocytosis of apoptotic cells protects the kidney after acute injury by downregulating innate immunity and inflammation.

Synonyms : HAVcr-1; KIM-1; KIM1; TIMD-1; TIMD1;TIM; TIM-1; TIM1; CD365; HAVCR1; HAVCR; HAVCR-1

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