Datasheet for ABIN7317677

# HAVCR1 Protein (His tag,Fc Tag)

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## Overview

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| Quantity: | 100 µg |
| Target: | HAVCR1 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This HAVCR1 protein is labelled with His tag,Fc Tag. |

## Product Details

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| Purpose: | Recombinant Human TIM1/HAVCR1 Protein (His & Fc Tag) |
| Sequence: | Ser 21-Gly 290 |
| Characteristics: | A DNA sequence encoding the mature form of human KIM1 extracellular domain (AAC39862.1) (Ser 21-Gly 290) was fused with a polyhistidine tag at the C-terminus and the Fc region of human IgG1 at the N-terminus. |
| Purity: | > 92 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |

## Target Details

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| Target: | HAVCR1 |
| Alternative Name: | TIM1/HAVCR1 (HAVCR1 Products) |
| Target Type: | Virus |

## Target Details

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| Background: | Background: HAV cellular receptor 1 (HAVCR1), also known as Kidney injury molecule 1 (KIM-1) and T cell immunoglobulinmucin 1 (TIM-1), is a type â… integral membrane glycoprotein. KIM-1 protein is widely expressed with highest levels in kidney and testis. It has been shown to play a major role as a human susceptibility gene for asthma, allergy and autoimmunity. IgA1lambda is a specific ligand of KIM-1 protein and that their association has a synergistic effect in virus-receptor interactions. KIM-1 involves in the pathogenesis of acute kidney injury. It had been confirmed that KIM-1 is a human urinary renal dysfunction biomarker. Moreover, KIM-1 protein is a novel regulatory molecule of flow-induced calcium signaling.<br>Synonym: CD365;HACVR;HAVCR;HAVCR-1;KIM-1;KIM1;TIM;TIM-1;TIM1;TIMD-1;TIMD1 |
| Molecular Weight: | 57 kDa |

## Application Details

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| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Reconstitution: | Please refer to the printed manual for detailed information. |
| Buffer: | Lyophilized from sterile PBS, pH 7.4 |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |