# Recombinant Mouse Havcr2 Protein, His-tagged, Alexa Fluor 555 conjugated

**Cat. No.** HAVCR2-529MAF555 **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Alexa Fluor 555 conjugated recombinant Mouse Havcr2 (AAL65156.1) (Met1-Arg191), fused with a C-terminal polyhistidine tag, was produced in Human Cells. |
| **Species** | Mouse |
| **Source** | HEK293 |
| **ProteinLength** | 181 |
| **Form** | Lyophilized |
| **Molecular Mass** | The recombinant mouse HAVCR2 comprises 181 amino acids and has a predicted molecular mass of 20.3 kDa. The apparent molecular mass of the protein is approximately 37-47 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| **N-terminal Sequence Analysis** | Leu 22 |
| **Endotoxin** | < 1.0 EU/ μg of the protein as determined by the LAL method. |
| **Purity** | > 95 % as determined by SDS-PAGE |
| **Characteristic** | Disulfide-linked homodimer |

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| | Labeled with Alexa Fluor 555 via amines<br>With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters. |
| **Stability** | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |
| **Storage** | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Storage Buffer** | Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| **Conjugation** | Alexa Fluor 555 |

## GENE INFORMATION

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| **Gene Name** | Havcr2 hepatitis A virus cellular receptor 2 [ Mus musculus ] |
| **Official Symbol** | Havcr2 |
| **Gene ID** | 171285 |
| **mRNA Refseq** | NM_134250 |
| **Protein Refseq** | NP_599011 |

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