

Recombinant Mouse Havcr2 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. HAVCR2-319MAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 555 conjugated recombinant Mouse Havcr2 (AAL65156.1) (Met1-Arg19), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.

Species Mouse

Source HEK293

ProteinLength 411

Form Lyophilized

Molecular Mass The recombinant mouse HAVCR2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 411 amino acids and has a predicted molecular mass of 45.9 kDa. The apparent molecular mass of the protein is approximately 58-66 kDa in SDS-PAGE under reducing

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

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Characteristic	<p>Disulfide-linked homodimer</p> <p>Labeled with Alexa Fluor 555 via amines</p> <p>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.</p>
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

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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