

## Recombinant Rat Msr1 protein(Trp79-Ser454), hFc-tagged

Cat. No. Msr1-8792R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat MSR1 (NP_001178868.1)(Trp79-Ser454) was expressed in HEK293, fused with the Fc region of Human IgG1 at the N-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Trp79-Ser454
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant Rat MSR1/Fc comprises 636 amino acids and has a predicted molecular mass of 69.2 kDa. The apparent molecular mass of the protein is approximately 89 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	Msr1 macrophage scavenger receptor 1 [ Rattus norvegicus ]
<b>Official Symbol</b>	Msr1
<b>Synonyms</b>	MSR1; macrophage scavenger receptor 1; macrophage scavenger receptor types I and II; RGD1564316;
<b>Gene ID</b>	498638
<b>mRNA Refseq</b>	NM_001191939
<b>Protein Refseq</b>	NP_001178868

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