

## Recombinant Rat Msr1, His tagged

Cat. No. Msr1-38R    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Msr1 (NP_001178868.1) (Trp79-Ser454), fused with a polyhistidine tag at the N-terminus, was produced in Human Cells.
<b>Species</b>	Rat
<b>Source</b>	Human Cells
<b>ProteinLength</b>	79-454 a.a.
<b>Predicted N Terminal</b>	His
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant rat MSR1 comprises 396 amino acids and has a predicted molecular mass of 43.1 kDa. The apparent molecular mass of the protein is approximately 51-60 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>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** [Msr1 macrophage scavenger receptor 1 \[ Rattus norvegicus \]](#)

**Official Symbol** Msr1

**Gene ID** [498638](#)

**mRNA Refseq** [NM\\_001191939](#)

**Protein Refseq** [NP\\_001178868](#)

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