

Active Recombinant Rat Mrc1, His-tagged

Cat. No. Mrc1-677R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mrc1 (Accession # NP_001099593) Leu26-Ala1395, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
ProteinLength	26-1395 a.a.
Predicted N Terminal	Starts at Leu26
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Mannan is coated at 5 µg/mL (100 µL/well), the concentration of Recombinant Rat MMR/CD206 that produces 50% optimal binding response is typically 0.1-0.5 µg/mL.
Molecular Mass	Recombinant Rat Mrc1, His-tagged has a calculated MW of 156.4 kDa. In SDS-PAGE migrates as 150-180 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Mrc1 mannose receptor, C type 1 [Rattus norvegicus]
Official Symbol	Mrc1
Synonyms	MRC1; mannose receptor, C type 1; macrophage mannose receptor 1;
Gene ID	291327
mRNA Refseq	NM_001106123
Protein Refseq	NP_001099593
MIM	

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