

Active Recombinant Mouse Cd163, His-tagged

Cat. No. Cd163-371M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd163 (Accession # AAK16065) Val39-Thr1045, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	39-1045 a.a.
Predicted N Terminal	Val39
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Mouse CD163 is immobilized at 5 µg/mL (100 µL/well), the concentration of mouse Haptoglobin/Hemoglobin (Hp/Hb) that produces 50% optimal binding response is approximately 0.2-1 µg/mL.
Molecular Mass	Recombinant Mouse Cd163, His-tagged has a calculated MW of 110 kDa. In SDS-PAGE migrates as 130-160 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

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months (-70°C).

GENE INFORMATION

Gene Name Cd163 CD163 antigen [*Mus musculus*]

Official Symbol Cd163

Synonyms CD163; CD163 antigen; scavenger receptor cysteine-rich type 1 protein M130; CD163v2; CD163v3;

Gene ID 93671

mRNA Refseq NM_001170395

Protein Refseq NP_001163866

MIM

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