# Recombinant Rat Cd63, Fc-tagged

**Cat. No.** Cd63-546R **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | A DNA sequence encoding the rat CD63 (P28648) (Ala103-Val203) was with the Fc region of mouse IgG1 at the N-terminus. |
| **Species** | Rat |
| **Source** | Human Cells |
| **ProteinLength** | Ala103-Val203 |
| **Form** | Lyophilized from sterile PBS, pH7.4. |
| **Molecular Mass** | The recombinant rat CD63 comprises 337 amino acids and predicts a molecular mass of 38.1 kDa. The apparent molecular mass of the recombinant protein is approximately 42-47 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| **Endotoxin** | < 1.0 eu per μg of the protein as determined by the LAL method. |
| **Purity** | >85 % as determined by SDS-PAGE |
| **Stability** | Samples are stable for up to twelve months from date of receipt at -70℃ |
| **Storage** | Store it under sterile conditions at -70℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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| **Reconstitution** | Hardcopy of COA with reconstitution instruction is sent along with the products. |

## GENE INFORMATION

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| **Gene Name** | Cd63 Cd63 molecule [ Rattus norvegicus ] |
| **Official Symbol** | Cd63 |
| **Synonyms** | CD63; Cd63 molecule; CD63 antigen; mast cell antigen AD1; MGC72893; |
| **Gene ID** | 29186 |
| **mRNA Refseq** | NM_017125 |
| **Protein Refseq** | NP_058821 |
| **Pathway** | Hemostasis, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem; Platelet degranulation, organism-specific biosystem; Response to elevated platelet cytosolic Ca2+, organism-specific biosystem; |
| **Function** | protein binding; protein complex binding; |

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