

Recombinant Rat Cd63, Fc-tagged

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

SPECIFICATION

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°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

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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