

Recombinant Rat Cd164 protein(Met1-Asp160), hFc-tagged

Cat. No. Cd164-8790R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD164 (Q9QX82) (Met1-Asp160) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-160 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat CD164/Fc is a disulfide-linked homodimer. The reduced monomer comprises 378 amino acids and has a predicted molecular mass of 41.3 kDa. The apparent molecular mass of the protein is approximately 90 and 35 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Cd164 CD164 molecule, sialomucin [*Rattus norvegicus*]

Official Symbol Cd164

Synonyms CD164; CD164 molecule, sialomucin; sialomucin core protein 24; MGC-24; MUC-24; endolyn; CD164 antigen; multi-glycosylated core protein 24; MGC-24v;

Gene ID 83689

mRNA Refseq NM_031812

Protein Refseq NP_114000

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