

Recombinant Human CD164 protein(Met1-Asp162), His-tagged

Cat. No. CD164-3966H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD164 (Q04900-1) extracellular domain (Met 1-Asp 162) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Asp162
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 human CD164 consists of 150 amino acids and has a predicted molecular mass of 15.9 kDa. As a result of different glycosylation, the apparent molecular mass of rhCD164 is approximately 40-110 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 \[Homo sapiens \]](#)

Official Symbol [CD164](#)

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

Gene ID [8763](#)

mRNA Refseq [NM_001142401](#)

Protein Refseq [NP_001135873](#)

MIM [603356](#)

UniProt ID [Q04900](#)

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