

Active Recombinant Human CD180 protein, His-tagged

Cat. No. CD180-3900H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD180 protein(NP_005573.2)(Met 1-Gly 626) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-626 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CD180 at 2 µg/ml (100 µl/well) can bind biotinylated mouse MD-1 with a linear ranger of 3.125-25 µg/ml.
Molecular Mass	The recombinant human CD180 consists of 614 amino acids and predicts a molecular mass of 69 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCD180 is approximately 90-100 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

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 [CD180 CD180 molecule \[Homo sapiens \]](#)

Official Symbol [CD180](#)

Synonyms CD180; CD180 molecule; CD180 antigen, LY64, lymphocyte antigen 64 (mouse) homolog, radioprotective, 105kD; CD180 antigen; Ly78; RP105; lymphocyte antigen 64; radioprotective 105 kDa protein; lymphocyte antigen-64, radioprotective, 105kDa; LY64; MGC126233; MGC126234;

Gene ID [4064](#)

mRNA Refseq [NM_005582](#)

Protein Refseq [NP_005573](#)

MIM [602226](#)

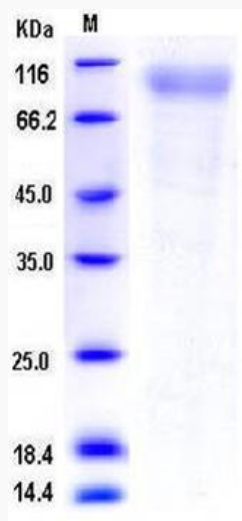
UniProt ID [Q99467](#)

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SDS-PAGE



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