

Recombinant Human CD180 Protein, His-tagged

Cat. No. CD180-655H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD180 Protein (Asp288-Asp620) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp288-Asp620
Description	CD180 is a cell surface molecule consisting of extracellular leucine-rich repeats (LRR) and a short cytoplasmic tail. The extracellular LRR is associated with a molecule called MD-1 and form the cell surface receptor complex, RP105/MD-1. It belongs to the family of pathogen receptors, Toll-like receptors (TLR). RP105/MD1, by working in concert with TLR4, controls B cell recognition and signaling of lipopolysaccharide (LPS), a membrane constituent of Gram-negative bacteria.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.5 kDa; Accurate Molecular Mass: 38 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

CD180 CD180 molecule [Homo sapiens (human)]

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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