

Recombinant Human CD180, His-tagged

Cat. No. CD180-10915H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human CD180 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.

Species Human

Source E.coli

ProteinLength C-term-348a.a.

Description This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for lymphocytes and monocytes but not for neutrophils. This cytokine also shows a potent myelosuppressive activity and suppresses proliferation of myeloid progenitor cells. The expression of this gene is upregulated by IL-10.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

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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
Chromosome Location	5q12
Pathway	Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Toll Like Receptor 4 (TLR4) Cascade, organism-specific biosystem; Toll Receptor Cascades, organism-specific biosystem;
Function	receptor activity;

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