

Recombinant Human CD180 Protein, C-His-tagged

Cat. No. CD180-096H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD180 Protein with C-His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	CD180/RP105 is a type-I transmembrane glycoprotein that is restricted to expression in mature B-cells. Research studies have shown that CD180 engages signaling cascades in mature B-cells that drive cell proliferation. Indeed, CD180 functions with TLR4 as an LPS receptor on B-cells and, upon binding LPS, transmits proliferation and survival signals that require the Vav family of guanine nucleotide exchange factors.
Molecular Mass	~66 kDa
AA Sequence	WDQMCIEKEANKTYNCENLGLSEIPDTLPNTTEFLEFSFNFLPTIHNRTFSRLMNLTF LDLTRCQINWIHEDTFQSHHQLSTLVLTGNPLIFMAETSLNGPKSLKHLFLIQTGISNL EFIPVHNLENLESYLGSNHISSIKFPKDFPARNLKVLDLFQNNAIHYISREDMRSLEQAI NLSLNFNGNNVKGIELGAFDSTIFQSLNFGGTPNLSVIFNGLQNSTTQSLWLGTFFEDI DDEDISSAMLKGLCEMSVESLNLQEHFSDISSTTFQCFTQLQELDLTATHLKGLPS GMKGLNLLKKLVLSVNHFDQLCQISAANFPSLTHLYIRGNVKKLHLGVGCLEKLGNL QTLDSLHNDIEASDCCSLQLKNLSHLQTLNLSHNEPLGLQSQAFKECPQLELLDLAFT RLHINAPQSPFQNLHFLQVLNLTTCFLDTSNQHLLAGLPVLRHLNLKGNHFQDGTITK TNLLQTVGSLEVLILSSCGLLSIDQAFHSLGKMSHVDLSHNSLTCDSIDSLSHLKGIIY

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	LNLAANSINIISPRLLPILSQQSTINLSHNPLDCTCSNIHFLTWYKENLHKLEGSEETTC ANPPSLRGVKLSDVKLSCG
Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).
Notes	For research use only, not for use in diagnostic procedure.
Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
Concentration	≥0.5 mg/mL
Storage Buffer	PBS, 4M Urea, pH7.4

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

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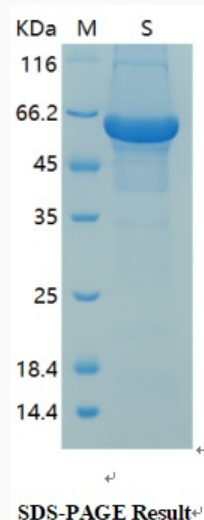
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MIM 602226

UniProt ID Q99467

SDS-PAGE



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