

Active Recombinant Human CD80 protein, His-tagged

Cat. No. CD80-591H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD80 protein(P33681)(Val35-Asn242) is expressed in HEK293 with a 6His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	35-242 aa
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Bio-activity	Loaded Biotinylated Human CTLA-4-Fc-Avi on Protein A Biosensor, can bind Human B7-1-His with an affinity constant of 0.18 uM as determined in BLI assay.
Molecular Mass	24.7 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not

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recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name CD80 CD80 molecule [Homo sapiens]

Official Symbol CD80

Synonyms

CD80; CD80 molecule; CD28LG, CD28LG1, CD80 antigen (CD28 antigen ligand 1, B7 1 antigen) , CD80 molecule; T-lymphocyte activation antigen CD80; B lymphocyte activation antigen B7; B7 1; B7.1; activation B7-1 antigen; costimulatory factor CD80; CTLA-4 counter-receptor B7.1; B-lymphocyte activation antigen B7; costimulatory molecule variant IgV-CD80; CD80 antigen (CD28 antigen ligand 1, B7-1 antigen); B7; BB1; B7-1; LAB7; CD28LG; CD28LG1;

Gene ID 941

mRNA Refseq NM_005191

Protein Refseq NP_005182

MIM 112203

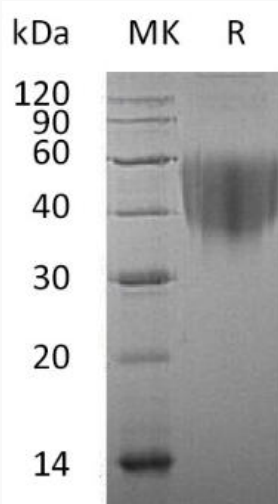
UniProt ID P33681

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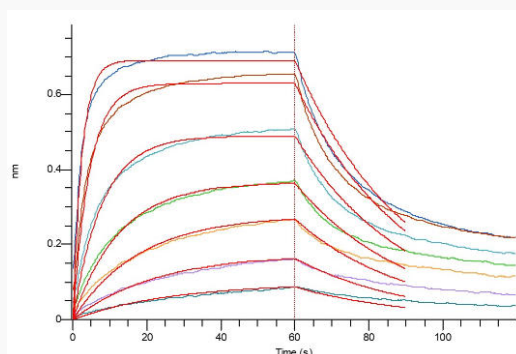
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Bis-Tris PAGE



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