

## Recombinant Human CD80 protein, hFc-Myc-tagged

**Cat. No.** CD80-4997H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD80 protein(P33681)(35-242aa), fused to C-terminal hFc-Myc tag, was expressed in HEK293.                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 35-242aa                                                                                                                                                                                                                                                      |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                         |
| <b>Molecular Mass</b>   | 54.0 kDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

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## GENE INFORMATION

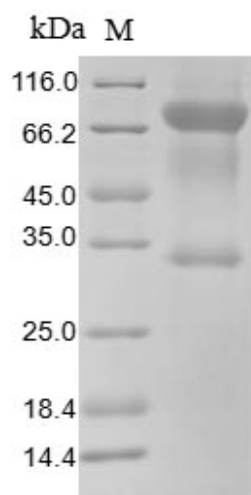
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CD80 CD80 molecule [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Official Symbol</b> | CD80                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 941                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_005191                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_005182                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>MIM</b>             | 112203                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>      | P33681                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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SDS-PAGE



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