

Recombinant Cynomolgus monkey CD80 Protein

Cat. No. CD80-586C **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Cynomolgus monkey CD80 protein without tag was expressed in HEK293. |
| Species | Cynomolgus |
| Source | HEK293 |
| ProteinLength | 288 |
| Description | The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy. |
| Form | Lyophilized |
| Molecular Mass | 25.8 kDa |
| AA Sequence | MGHTWRQGISPSKCPYLKFFQLLVLAQLSHFCSGVIHVTKEVKEVATLSCGHNVSVE ELAQTRIWQKEKMMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYE CVVLKYEKDAFKREHLAEVMLSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLS WLENGEELNAISTTVSQDPETELYTVSSKLDNFMTTNSFMCLIKYGHLRVNQTFNW NTPKQEHFPDNLPSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVRPI |
| Purity | > 98% |

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| Applications | WB; ELISA; FACS; FC |
| Stability | This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use. |
| Storage | At -20 centigrade. |
| Concentration | 1 mg/mL |
| Storage Buffer | PBS (pH 7.4-7.5). Sterile-filtered colorless solution. |
| Reconstitution | Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance. |

GENE INFORMATION

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| Gene Name | CD80 CD80 molecule [<i>Macaca mulatta</i> (Rhesus monkey)] |
| Official Symbol | CD80 |
| Synonyms | CD80; CD80 molecule; T-lymphocyte activation antigen CD80; B7.1; |
| Gene ID | 732518 |
| mRNA Refseq | NM_001042642 |
| Protein Refseq | NP_001036107 |

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UniProt ID

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