# Recombinant Monkey CD28 Protein, Fc-tagged, FITC conjugated

**Cat. No.** CD28-1204CF **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | FITC conjugated recombinant Monkey CD28 [(Identical to the rhesus CD28 (NP_001036106.2)] (Met1-Pro152) was expressed with the Fc region of human IgG1 at the C-terminus. |
| **Species** | Monkey |
| **Source** | HEK293 |
| **ProteinLength** | 372 |
| **Form** | Lyophilized |
| **Molecular Mass** | 41.9 kDa |
| **N-terminal Sequence Analysis** | Asn 19 |
| **Endotoxin** | < 1.0 EU/ μg of the protein as determined by the LAL method. |
| **Purity** | > 90 % as determined by SDS-PAGE |
| **Characteristic** | Disulfide-linked homodimer<br>Labeled with FITC via amines<br>Excitation source: 488 nm spectral line, argon-ion laser |

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| | Excitation Wavelength: 488 nm<br>Emission Wavelength: 535 nm |
| **Stability** | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |
| **Storage** | Store it under sterile conditions at -20 to-70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Storage Buffer** | Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 μg/μL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| **Conjugation** | FITC |

## GENE INFORMATION

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| **Gene Name** | CD28 CD28 molecule [ Macaca fascicularis ] |
| **Official Symbol** | CD28 |
| **Synonyms** | MFASCD28-P; CD28 precursor 6m; CD28 precursor P; MFASCD28-6m; hypothetical protein |
| **Gene ID** | 102146670 |
| **mRNA Refseq** | NM_001287333 |
| **Protein Refseq** | NP_001274262 |

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