

Recombinant Cynomolgus monkey CD86 Protein, Fc-tagged

Cat. No. CD86-593C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus monkey CD86 protein with Fc tag was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	324
Description	This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in several transcript variants encoding different isoforms.
Form	Lyophilized
Molecular Mass	52 kDa
AA Sequence	TMGLSNTL FVMAFLLSGAAPLKI QAYFNETADLPCQFANSQNRSLSELVFWQNQE NLVLNEVYLGKEKFDSVH SKYMGRTSFD PESWTLRLHNLQIKDKGLYQCIIH HKRPT GMIRIHQMNSELSVL ANFSQPEIVPISNITENMYINLTCSSIHGYPEPEKMSVLLR TKN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

STIEYDGV MQKSQDNVTELYDVSISLSVSPDPVTSNMTIFCVLETDKTQLLSSPFSIEL
 EDPQPPPDHIPWITAVLPTVIICVMAFCLILWKWKKKKQPRNSYKCGTNTMERESE
 QTKKREKINVPERSDEAQC VFKSLKTPSCDKSDTRF

Purity > 98%

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

Gene Name CD86 CD86 molecule [*Macaca mulatta* (Rhesus monkey)]

Official Symbol CD86

Synonyms CD86; CD86 molecule; T-lymphocyte activation antigen CD86; CD86 antigen;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Gene ID	714390
mRNA Refseq	NM_001042644
Protein Refseq	NP_001036109
UniProt ID	Q9BDM4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA