

CD86-FC recombinant protein

Catalog No :	YD3081
Reactivity :	Human;
Purity :	>90% as determined by SDS-PAGE
Gene Name :	CD86
Protein Name :	T-lymphocyte activation antigen CD86 (Activation B7-2 antigen) (B70) (BU63) (CTLA-4 counter-receptor B7.2) (FUN-1) (CD antigen CD86)
Sequence :	Amino acid:24-247,with FC tag.
Human Gene Id :	942
Human Swiss Prot No :	P42081
Formulation :	Phosphate-buffered solution
Source :	Mammalian cells
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Function :	Receptor involved in the costimulatory signal essential for T-lymphocyte proliferation and interleukin-2 production, by binding CD28 or CTLA-4. May play a critical role in the early events of T-cell activation and costimulation of naive T-cells, such as deciding between immunity and anergy that is made by T-cells within 24 hours after activation (PubMed:7527824). Also involved in the regulation of B cells function, plays a role in regulating the level of IgG(1) produced. Upon CD40 engagement, activates NF-kappa-B signaling pathway via phospholipase C and protein kinase C activation (By similarity).; [Isoform 2]: Interferes with the formation of CD86 clusters, and thus acts as a negative regulator of T-cell activation.; (Microbial infection) Acts as a receptor for adenovirus subgroup B.
Subcellular Location :	Cell membrane; Single-pass type I membrane protein.
Expression :	Expressed by activated B-lymphocytes and monocytes.

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