

CD152/CTLA4-FC recombinant protein

Catalog No :	YD3073
Reactivity :	Human;
Purity :	>90% as determined by SDS-PAGE
Gene Name :	CTLA4
Protein Name :	Cytotoxic T-lymphocyte protein 4 (Cytotoxic T-lymphocyte-associated antigen 4) (CTLA-4) (CD antigen CD152)
Sequence :	Amino acid:36-161, with FC tag.
Human Gene Id :	1493
Human Swiss Prot No :	P16410
Formulation :	Phosphate-buffered solution
Source :	Mammalian cells
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Function :	Inhibitory receptor acting as a major negative regulator of T-cell responses. The affinity of CTLA4 for its natural B7 family ligands, CD80 and CD86, is considerably stronger than the affinity of their cognate stimulatory coreceptor CD28.
Subcellular Location :	Cell membrane ; Single-pass type I membrane protein . Note=Exists primarily an intracellular antigen whose surface expression is tightly regulated by restricted trafficking to the cell surface and rapid internalization.
Expression :	Widely expressed with highest levels in lymphoid tissues. Detected in activated T-cells where expression levels are 30- to 50-fold less than CD28, the stimulatory coreceptor, on the cell surface following activation.

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