

**CD152/CTLA4-FC recombinant protein**

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| <b>Catalog No :</b>           | YD3073   |
| <b>Reactivity :</b>           | Human;   |
| <b>Purity :</b>               | >90% as determined by SDS-PAGE   |
| <b>Gene Name :</b>            | CTLA4  |
| <b>Protein Name :</b>         | Cytotoxic T-lymphocyte protein 4 (Cytotoxic T-lymphocyte-associated antigen 4) (CTLA-4) (CD antigen CD152)   |
| <b>Sequence :</b>             | Amino acid:36-161, with FC tag.  |
| <b>Human Gene Id :</b>        | 1493   |
| <b>Human Swiss Prot No :</b>  | P16410   |
| <b>Formulation :</b>          | Phosphate-buffered solution  |
| <b>Source :</b>               | Mammalian cells  |
| <b>Storage Stability :</b>    | -15°C to -25°C/1 year(Avoid freeze / thaw cycles)  |
| <b>Function :</b>             | 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. |
| <b>Subcellular Location :</b> | 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.                    |
| <b>Expression :</b>           | 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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