

CD275 (B7-H2, B7-RP1, ICOSL)-FC recombinant protein

Catalog No :	YD3018
Reactivity :	Human;
Purity :	>90% as determined by SDS-PAGE
Gene Name :	ICOSLG
Protein Name :	ICOS ligand (B7 homolog 2) (B7-H2) (B7-like protein GI50) (B7-related protein 1) (B7RP-1) (CD antigen CD275)
Sequence :	Amino acid:19-256,with FC tag.
Human Gene Id :	102723996
Human Swiss Prot No :	O75144
Formulation :	Phosphate-buffered solution
Source :	Mammalian cells
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Function :	Ligand for the T-cell-specific cell surface receptor ICOS. Acts as a costimulatory signal for T-cell proliferation and cytokine secretion; induces also B-cell proliferation and differentiation into plasma cells. Could play an important role in mediating local tissue responses to inflammatory conditions, as well as in modulating the secondary immune response by co-stimulating memory T-cell function (By similarity).
Subcellular Location :	Cell membrane ; Single-pass type I membrane protein .
Expression :	Isoform 1 is widely expressed (brain, heart, kidney, liver, lung, pancreas, placenta, skeletal muscle, bone marrow, colon, ovary, prostate, testis, lymph nodes, leukocytes, spleen, thymus and tonsil), while isoform 2 is detected only in lymph nodes, leukocytes and spleen. Expressed on activated monocytes and dendritic cells.



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