

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

CatalogNo: YD3018

### | Key Features

#### Reactivity

- Human,

### | Recommended Dilution Ratios

### | Storage

**Storage\*** -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

**Formulation** Phosphate-buffered solution

### | Basic Information

**Source** Mammalian cells

**Purification** Mammalian cells

**Purity** >90% as determined by SDS-PAGE

### | Immunogen Information

**Sequence** Amino acid:19-256,with human FC tag.

### | Target Information

**Gene name** ICOSLG

<b>Protein Name</b>	ICOS ligand (B7 homolog 2) (B7-H2) (B7-like protein GI50) (B7-related protein 1) (B7RP-1) (CD antigen CD275)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">102723996</a> ;	<a href="#">O75144</a> ;
<b>Cellular Localization</b>	Cell membrane ; Single-pass type I membrane protein .		
<b>Tissue specificity</b>	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.		
<b>Function</b>	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).		

## | Validation Data

## | Contact information

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