

ICOSLG /B7-H2 /CD275, Mouse recombinant

CATALOG NO:	P1106-10 P1106-50	10 µg 50 µg
ALTERNATE NAMES:	B7-H2, ICOS Ligand, B7-like Protein GI50, B7RP-1	
SOURCE:	CHO cells	
PURITY:	≥ 98% by SDS – PAGE	
SEQUENCE:	The extracellular domain of mouse CD275 [B7-H2] (aa 48-279) is fused to the N-terminus of the Fc region of a mutant mouse IgG2a.	
ENDOTOXIN LEVEL:	< 0.06 EU/µg protein by LAL method	
FORM:	Lyophilized	
FORMULATION:	Lyophilized from 0.2µm-filtered solution in PBS	
STORAGE CONDITIONS:	For short term store at +4°C (1-2 weeks). For long term storage, aliquot and store at -20°C. Avoid repeated freezing and thawing cycles.	
RECONSTITUTION:	Reconstitute at 100 µg/ml in sterile PBS	
SPECIFICITY:	Acts as a long lasting fusion protein which only binds to the receptor. Mutations to the complement (C1q) and FcγR I binding sites of the IgGs Fc fragment render the fusion proteins incapable of antibody directed cytotoxicity (ADCC) and complement directed cytotoxicity (CDC).	
DESCRIPTION:	Mouse CD275 (B7-H2) is a member of the growing B7 family of immune costimulatory proteins. CD275 has been identified as the ligand for ICOS, a member of the CD28 family of co-stimulatory receptors. Mouse CD275 is expressed on resting B cells and at low levels on monocytes. The CD275/ICOS interaction appears to play roles in T cell dependent B cell activation and Th differentiation.	
BIOLOGICAL ACTIVITY:	Measured by its binding ability in a functional ELISA. Immobilized human ICOS at 1µg/ml (100µl/well) can bind biotinylated B7-H2 (mouse), Fc (mouse) (rec.) (non-lytic) with a linear range of 0.1-1.0µg/ml.	

RELATED PRODUCT:

- Human CellExp™ ICOSLG /B7-H2/CD275, human recombinant (**Cat. No. 7426-20, -100**)
- Human Cellexp Human Recombinant IL-2 (**Cat. No. 6461-10, -50**)
- Human CellExp™ CD223, human recombinant (**Cat. No. 7278-10, -50**)
- Human CellExp™ CD71, human recombinant (**Cat. No. 7279-10, -50**)
- Human CellExp™ CD273, human recombinant (**Cat. No. 7369-10, -50**)
- Human CellExp™ CD33, human recombinant (**Cat. No. 7370-10, -50**)
- Human CellExp™ CD36, human recombinant (**Cat. No. 7371-10, -50**)
- Human CellExp™ CD87, human recombinant (**Cat. No. 7372-20, -100**)
- Human CellExp™ CD360, human recombinant (**Cat. No. 7373-20, -100**)
- Human CellExp™ CD244, human recombinant (**Cat. No. 7374-10, -50**)
- Human CellExp™ CD304, human recombinant (**Cat. No. 7375-10**)
- Human CellExp™ CD319, human recombinant (**Cat. No. 7376-10, -50**)
- Human CellExp™ CD306, human recombinant (**Cat. No. 7377-10, -50**)
- Human CellExp™ CD84, human recombinant (**Cat. No. 7378-10, -50**)

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