

B7-H2/ICOSLG Protein, Cynomolgus (HEK293, Fc)

Cat. No.:	HY-P76394
Synonyms:	ICOS ligand; B7-H2; ICOSLG; LICOS; B7RP-1; CD275
Species:	Cynomolgus
Source:	HEK293
Accession:	XP_005548618 (M1-T256)
Gene ID:	102132485
Molecular Weight:	Approximately 53.3 kDa.

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	B7-H2 interacted with CD28 in a non-overlapping domain as B7-1 and B7-2, and was essential for the costimulation of human T cells' primary responses to allogeneic antigens and memory recall responses. B7-H2 is a costimulatory ligand for CD28. The non-competing nature of B7-H2 and B7-1 or B7-2 for binding CD28 suggests these ligands could work independently, simultaneously, and even synergistically to provide maximal CD28 costimulation for T cells ^[1] .
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Caution: Product has not been fully validated for medical applications. For research use only.

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