

B7-H2/ICOSLG Protein, Mouse (HEK293, His)

Cat. No.:	HY-P73120
Synonyms:	ICOS ligand; B7-H2; ICOSLG; LICOS; B7RP-1; CD275
Species:	Mouse
Source:	HEK293
Accession:	Q9JHJ8-1 (E47-K279)
Gene ID:	50723
Molecular Weight:	Approximately 40-52 kDa

PROPERTIES

AA Sequence	<pre> E T E V G A M V G S N V V L S C I D P H R R H F N L S G L Y V Y W Q I E N P E V S V T Y Y L P Y K S P G I N V D S S Y K N R G H L S L D S M K Q G N F S L Y L K N V T P Q D T Q E F T C R V F M N T A T E L V K I L E E V V R L R V A A N F S T P V I S T S D S S N P G Q E R T Y T C M S K N G Y P E P N L Y W I N T T D N S L I D T A L Q N N T V Y L N K L G L Y D V I S T L R L P W T S R G D V L C C V E N V A L H Q N I T S I S Q A E S F T G N N T K N P Q E T H N N E L K </pre>
Biological Activity	<p>1. Mouse ICOS, hFc Tag captured on CM5 Chip via Protein A can bind Mouse B7-H2, His Tag with an affinity constant of 0.438 μM as determined in SPR assay (Biacore T200).</p> <p>2. Immobilized Mouse ICOS at 5 μg/mL (100 μL/well) can bind Mouse B7-H2, the ED₅₀ for this effect is 83.21ng/mL.</p>
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4 or 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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