

B7-H2/ICOSLG recombinant protein

Biotinylated Human B7-H2/ICOSLG Protein Recombinant

CATALOG #	HOST
AAA76265	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

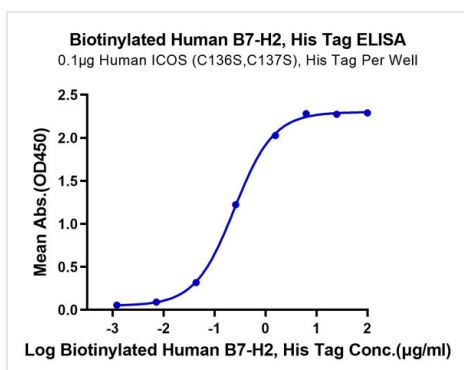
PRODUCT SYNONYMS

B7-H2/ICOSLG; Biotinylated Human B7-H2/ICOSLG Protein Recombinant; B7-H2/ICOSLG recombinant protein

PRODUCT SPECIFICATIONS

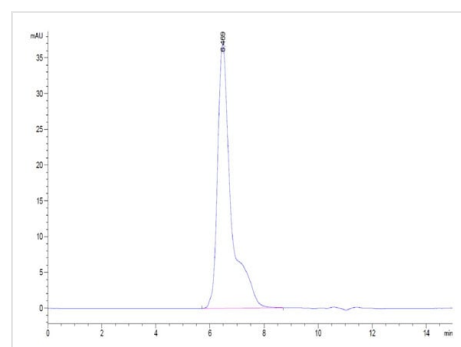
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human B7-H2/ICOSLG was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human B7-H2/ICOSLG including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Biological Process	Immunity, B-cell-activation
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C

IMAGES



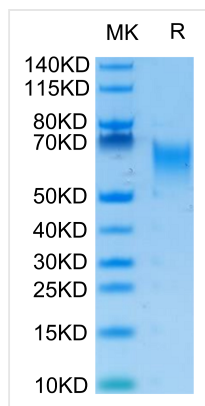
ELISA

Biotinylated Human B7-H2/ICOSLG Protein ELISA Data: Immobilized Human ICOS (C136S,C137S), His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human B7-H2, His Tag with the EC₅₀ of 0.24 µg/ml determined by ELISA.



Application Data

Biotinylated Human B7-H2/ICOSLG Protein SEC-HPLC: The purity of Biotinylated Human B7-H2 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human B7-H2/ICOSLG Protein Tris-Bis PAGE Biotinylated Human B7-H2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for B7-H2/ICOSLG recombinant protein

[Biotinylated proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	19855066
NCBI GeneID	102723996
UniProt Accession #	O75144 ; Q9HD18 ; Q9NRQ1 ; A8MUZ1
Molecular Weight	20,120 Da
NCBI Official Full Name	ICOS ligand
NCBI Official Symbol	LOC102723996
NCBI Protein Information	ICOS ligand
UniProt Protein Name	ICOS ligand
UniProt Gene Name	ICOSLG
UniProt Synonym Gene Names	B7H2; B7RP1; ICOSL; KIAA0653; B7-H2; B7RP-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/icoslg-recombinant-protein-hek293-cells/76265>