

B7-2/CD86 recombinant protein

Biotinylated Human B7-2/CD86 Protein Recombinant

CATALOG #	HOST
AAA76354	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

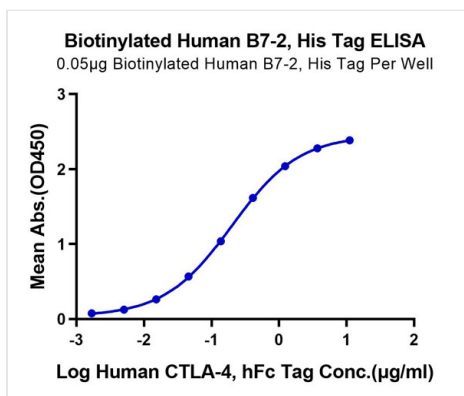
PRODUCT SYNONYMS

B7-2/CD86; Biotinylated Human B7-2/CD86 Protein Recombinant; B7-2/CD86 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 B7-2/CD86 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human B7-2/CD86 including a C-His-Avi tag was expressed in HEK293 Cells.The recombinant protein was then test biotinylated site specific using the AVItag biotinylation technology.test
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)
Molecular Function	Receptor
Biological Process	Immunity, Host-virus-interaction
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 B7-2/CD86 Protein ELISA Data: Immobilized Biotinylated Human B7-2, His Tag at 0.5 µg/ml (100 µl/well) on the plate. Dose response curve for Human CTLA-4, hFc Tag with the EC50 of 0.2 µg/ml determined by ELISA.



Tris-Bis PAGE

Biotinylated Human B7-2/CD86 Protein Tris-Bis PAGE: Biotinylated Human B7-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for B7-2/CD86 recombinant protein

[Biotinylated proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373339
NCBI GeneID	942
UniProt Accession #	P42081; P10747 CD28_HUMAN
Molecular Weight	329
NCBI Official Full Name	T-lymphocyte activation antigen CD86
NCBI Official Synonym Full Names	CD86 molecule
NCBI Official Symbol	CD86
NCBI Official Synonym Symbols	B70; B7-2; B7.2; LAB72; CD28LG2
NCBI Protein Information	T-lymphocyte activation antigen CD86; BU63; FUN-1; CTLA-4 counter-receptor B7.2; B-lymphocyte activation antigen B7-2; CD86 antigen (CD28 antigen ligand 2, B7-2 antigen)
UniProt Protein Name	T-lymphocyte activation antigen CD86
UniProt Gene Name	CD86
UniProt Synonym Gene Names	CD28LG2
UniProt Entry Name	CD86_HUMAN

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://stage.aaabiotech.com/cd86-recombinant-protein-hek293-cells/76354>