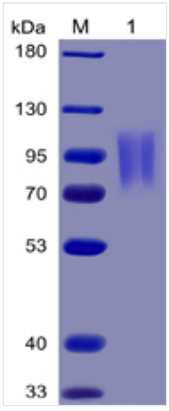
B7-2 Human Protein

PRODUCT OVERVIEW

Product Name	B7-2, Protein
Full Product Name	Human B7-2 Protein, mFc-His Tag
Product Gene Name	B7-2 protein
Product Synonym Names	CD86; B7-2; B70; CD28LG2; LAB72; MGC34413
Host	HEK293 cells
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5 %-41 % trehalose is added as protectants before lyophilization.
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)
Molecular Weight	The protein has a predicted molecular mass of 52.4kDa after removal of the signal peptide.
Sequence Positions	B7-2 (Leu26-Pro247)+mFc (Pro99-Lys330)
Species	Human
Vector and Tag	C-Mouse Fc and 6xHis tag
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for B7-2 protein	This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in several transcript variants encoding different isoforms.
Other Notes	Small volumes of B7-2 protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for B7-2 purchase	MBS8575092 is a protein targeting B7-2. Also known as Human B7-2 Protein, mFc-His Tag. Host: HEK293 cells.



SDS-Page of B7-2 protein
Figure 1. Human B7-2 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

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