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32-17034: Recombinant human B7-2 protein with C-terminal mouse Fc and 6Ã—His tag

Alternative Name : CD86, B7-2, B70, CD28LG2, LAB72, MGC34413

Description

Expression Host : HEK293
The protein has a predicted molecular mass of 52.4 kDa after removal of the signal peptide.
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.

Product Info

Amount :	50 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

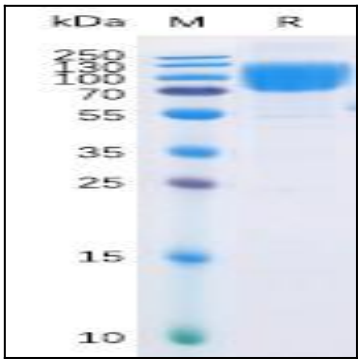


Figure 1. Human B7-2 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

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