

## Recombinant human CD86 / B7-2 protein, C-His-Avi (HEK293), Biotin conjugated

Catalog Number: bs-47026P-Bio

Concentration: >0.5 mg/ml

AA Seq: 26-247/329

Predicted MW: 28.2

Detected MW: Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.

Tags: C-His-Avi

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

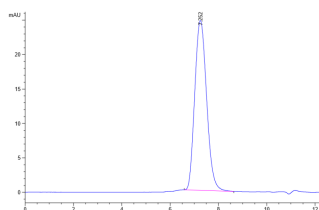
Purification: AC

Storage: Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

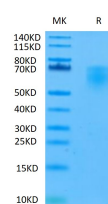
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** 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.[provided by RefSeq, May 2011].

### VALIDATION IMAGES



The purity of Human CD86/B7-2 is greater than 95% as determined by SEC-HPLC.



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