

Recombinant Human CD86 protein, His-tagged, Biotinylated

Cat. No. CD86-2228HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD86 protein extracellular domain (NP_008820.2) (Met1-His239), fused with a polyhistidine tag at the C-terminus, was expressed in HEK293 Cells. The purified protein was biotinylated in vitro.
Species	Human
Source	HEK293
ProteinLength	1-239 a.a.
Predicted N Terminal	Leu 20
Form	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant human B7-2 consists of 228 amino acids and predicts a molecular mass of 26.2 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CD86 CD86 molecule [Homo sapiens]
Official Symbol	CD86
Synonyms	CD86; CD86 molecule; CD28LG2, CD86 antigen (CD28 antigen ligand 2, B7 2 antigen); T-lymphocyte activation antigen CD86; B lymphocyte antigen B7 2; B7 2; B7.2; BU63; FUN-1; CTLA-4 counter-receptor B7.2; B-lymphocyte activation antigen B7-2; CD86 antigen (CD28 antigen ligand 2, B7-2 antigen); B70; B7-2; LAB72; CD28LG2; MGC34413;
Gene ID	942
mRNA Refseq	NM_001206924
Protein Refseq	NP_001193853
MIM	601020
UniProt ID	P42081

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