

Recombinant Human CD80 protein

Cat. No. CD80-590H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD80 protein(NP_005182.1)(Met 1-Asn 242) with five amini acids (DDDDK) at the C-terminus was expressed and purified in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-242 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The mature recombinant human B7-1 consists of 214 amino acids and predicts a molecular mass of 25.5 kDa. As a result of glycosylation, rhB7-1 migrates as approximately 45 kDa band in SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 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

GENE INFORMATION

Gene Name [CD80 CD80 molecule \[Homo sapiens \]](#)

Official Symbol [CD80](#)

Synonyms [CD80](#); [CD80 molecule](#); [CD28LG](#), [CD28LG1](#), [CD80 antigen \(CD28 antigen ligand 1, B7 1 antigen\)](#) , [CD80 molecule](#); [T-lymphocyte activation antigen CD80](#); [B lymphocyte activation antigen B7](#); [B7 1](#); [B7.1](#); [activation B7-1 antigen](#); [costimulatory factor CD80](#); [CTLA-4 counter-receptor B7.1](#); [B-lymphocyte activation antigen B7](#); [costimulatory molecule variant IgV-CD80](#); [CD80 antigen \(CD28 antigen ligand 1, B7-1 antigen\)](#); [B7](#); [BB1](#); [B7-1](#); [LAB7](#); [CD28LG](#); [CD28LG1](#);

Gene ID [941](#)

mRNA Refseq [NM_005191](#)

Protein Refseq [NP_005182](#)

MIM [112203](#)

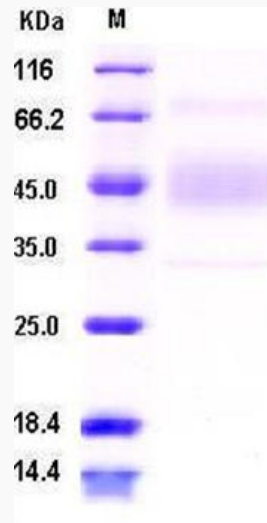
UniProt ID [P33681](#)

 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

SDS-PAGE



 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