

Recombinant Human CD80 Protein, His-tagged

Cat. No. CD80-216H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD80(35-242aa) fused with His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	35-242aa
Description	CD80, also known as T-lymphocyte activation antigen CD80, is a member of cell surface immunoglobulin superfamily. This protein can bind to either human or mouse CD28 and CTLA-4. It is expressed on activated B cells, activated T cells, and macrophages. The B7/CD28/CTLA4 pathway has the ability to both positively and negatively regulate immune responses. Therefore, it is considered a promising therapeutic target for autoimmune diseases and various carcinomas.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	24.9kDa (216aa) 28-40kDa (SDS-PAGE under reducing conditions)
AA Sequence	VIHVTKEVKE VATLSCGHNV SVEELAQTRI YWQKEKKMVL TMSGDMNIW PEYKNRTIFD ITNNLSIVIL ALRPSDEGTY ECVVLKYEKD AFKREHLAEV TLSVKADFPT PSISDFEIPT SNIRRIICST SGGFPEPHLS WLENGEELNA INTTVSQDPE TELYAVSSKL DFNMTTNHSF MCLIKYGHLR VNQTFNWNTT KQEHFPDNLE HHHHHH

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Purity	> 95% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Absorbance at 280nm)

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

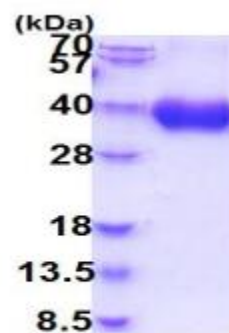
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UniProt ID

P33681



15% SDS-PAGE (3ug)

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