

## CD80 Recombinant Protein

Catalog: NCP0229

Host: E.coli

Tag: His-tag

### BackGround:

CD80 (B7-1, BB1) and CD86 (B7-2, B70) are members of the B7 family of cell surface ligands that regulate T cell activation and immune responses. CD80 is expressed on activated antigen presenting cells, including dendritic cells, B cells, monocytes, and macrophages. CD86 is expressed on resting monocytes, dendritic cells, activated B lymphocytes, and can be further upregulated in the presence of inflammation. CD80 and CD86 are ligands for CD28, which functions as a T cell costimulatory receptor. Interaction of CD28 with CD80 or CD86 provides the second signal required for naïve T cell activation, T cell proliferation, and acquisition of effector functions. Alternatively, CD80 and CD86 also act as ligands to CTLA-4, which results in the downregulation of T cell activity.

### Product:

PBS, 4M Urea, PH7.4

### Molecular Weight:

~23kDa

### Swiss-Prot:

P33681

### Purification&Purity:

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

### Restriction Sites:

NdeI-XhoI

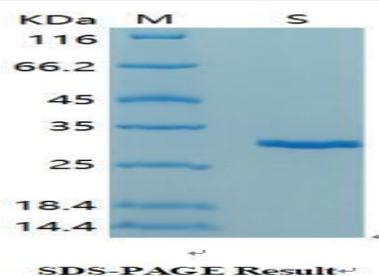
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Expression Vector:

pet-22b(+)

### DATA:



### Note:

For research use only, not for use in diagnostic procedure.

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