

Recombinant Human CD80 Protein, His-tagged, FITC conjugated

Cat. No. CD80-591HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview FITC conjugated recombinant human CD80 precursor extracellular domain (Met 1-Asn 242) (NP_005182.1), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.

Species Human

Source HEK293

ProteinLength 219

Form Lyophilized

Molecular Mass The recombinant human B7-1 consists of 219 amino acids and has a predicted molecular mass of 25.4 kDa. By reduced SDS-PAGE, the apparent molecular mass of rh B7-1 is approximately 45-48 kDa due to glycosylation.

Endotoxin < 1.0 EU/ µg of the protein as determined by the LAL method.

Characteristic Disulfide-linked homodimer
 Labeled with FITC via amines
 Excitation source: 488 nm spectral line, argon-ion laser
 Excitation Wavelength: 488 nm
 Emission Wavelength: 535 nm

 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

Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	FITC

GENE INFORMATION

Gene Name	CD80 CD80 molecule [Homo sapiens]
Official Symbol	CD80
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