

Product datasheet for **TP700242**

B7-1 (CD80) (NM_005191) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of human CD80 molecule (CD80), with C-terminal Fc/His tag, expressed in human cells, 20 µg
Species:	Human
Expression Host:	HEK293
Tag:	C-Fc/His
Predicted MW:	51 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH7.4, 10% glycerol
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005182
Locus ID:	941
RefSeq Size:	2757
Cytogenetics:	3q13.33
RefSeq ORF:	864
Synonyms:	B7; B7-1; B7.1; BB1; CD28LG; CD28LG1; LAB7
Summary:	The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy. [provided by RefSeq, Aug 2011]
Protein Families:	Druggable Genome, Transcription Factors, Transmembrane
Protein Pathways:	Allograft rejection, Autoimmune thyroid disease, Cell adhesion molecules (CAMs), Graft-versus-host disease, Systemic lupus erythematosus, Toll-like receptor signaling pathway, Type I diabetes mellitus, Viral myocarditis



[View online »](#)

Product images:

