

CD80 (Human) Recombinant Protein

Catalog # P9108

Size 5 ug

Specification

Product Description	Human CD80 (P33681, 35 a.a. - 242 a.a.) partial-length recombinant protein with His tag at C-Terminus expressed in <i>Baculovirus</i> .
Sequence	VIHVTKEVKEVATLSCGHNVSV EELAQTRIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSI VILALRPSDEGTYESVVLKYEKDAFKREHLAEVTLVKADFPTPSISDFEIPTSNIRRIICSTSGGFPE PHLSWLENGEELNAINTVSQDPETELYAVSSKLDFNMTTNHSFMCLIKYGHRLRVNQTFNWNTTK QEHFPDNLEHHHHHH.
Host	Nicotiana benthamiana
Theoretical MW (kDa)	24.9
Form	Liquid
Preparation Method	<i>Baculovirus</i> expression system
Purity	> 95% by SDS-PAGE.
Storage Buffer	PBS (pH7.4) and 10% glycerol.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- SDS-PAGE

Gene Info — CD80

Entrez GeneID	941
Protein Accession#	P33681
Gene Name	CD80

Gene Alias	CD28LG, CD28LG1, LAB7
Gene Description	CD80 molecule
Omim ID	112203
Gene Ontology	Hyperlink
Gene Summary	The B-lymphocyte activation antigen B7-1 (formerly referred to as B7) provides regulatory signals for T lymphocytes as a consequence of binding to the CD28 (MIM 186760) and CTLA4 (MIM 123890) ligands of T cells.[supplied by OMIM]
Other Designations	B-lymphocyte activation antigen B7 CD80 antigen CD80 antigen (CD28 antigen ligand 1, B7-1 antigen) costimulatory factor CD80 costimulatory molecule variant IgV-CD80

Pathway

- [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](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)

- [Hepatitis C](#)
- [Infant](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Papillomavirus Infections](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)