

Proteoliposomes

Full-Length

CD80 (Human) Recombinant Protein

Catalog # H00000941-G01

Size 10 ug

Specification

Product Description	Human CD80 full-length ORF (NP_005182.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MGHTRRQGTSPSKCPYLNFFQLLVLAGLSHFCSGVIHVTKEVKEVATLSCGHNVSVEELAQTRY WQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSVILALRPSDEGTYESVVLKYEKDAFKREHL AEVTL SVKADFPTPSISDFEIPTSNIRRICSTSGGFPEPHLSWLENGEELNAINTTVSQDPETELYA VSSKLDNFMTTNHSFMCLIKYGHRLRVNQTFNWNTTKQEHFPDNLPSWAITLISVNGIFVICCLTYCF APRCRERRRRNERLRRESVRPV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33
Interspecies Antigen Sequence	Mouse (46)
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — CD80

Entrez GeneID	941
GeneBank Accession#	NM_005191.2
Protein Accession#	NP_005182.1
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](#)