

Proteoliposomes

Full-Length

CD28 (Human) Recombinant Protein

Catalog # H00000940-G01

Size 10 ug

Specification

Product Description

Human CD28 full-length ORF (AAH93698.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MLRLLALNLFPSIQVTGNKILVKQSPMLVAYDNAVNLSCKYSYNLFSREFRASLHKGLDSAVEVC
VVYGNYSQQLQVYSKTGFNC DGKLGNESVTFYLNLYVNQTDIYFCKIEVMYPPPYLDNEKSNGTII
HVKGKHLCPSP LFPGPSKPFWVLVVVGGVLACYSLLVTVAFIIFWVRSKRSRLHSDYMNMTPRR
PGPTRKHYQPYAPPRDFAAYRS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

25.1

Interspecies Antigen Sequence

Mouse (69)

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 — CD28

Entrez GeneID	940
GeneBank Accession#	BC093698.1
Protein Accession#	AAH93698.1
Gene Name	CD28
Gene Alias	MGC138290, Tp44
Gene Description	CD28 molecule
Omim ID	186760
Gene Ontology	Hyperlink
Gene Summary	CD28 costimulation is essential for CD4 (MIM 186940)-positive T-cell proliferation, survival, interleukin-2 (IL2; MIM 147680) production, and T-helper type-2 (Th2) development.[supplied by OMIM]
Other Designations	CD28 antigen CD28 antigen (Tp44) T-cell-specific surface glycoprotein

Pathway

- [Allograft rejection](#)
- [Autoimmune thyroid disease](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Graft-versus-host disease](#)
- [Systemic lupus erythematosus](#)
- [T cell receptor signaling pathway](#)
- [Type I diabetes mellitus](#)

Disease

- [Acute Disease](#)
- [Arthritis](#)

- [Asthma](#)
- [Behcet Syndrome](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Cholangitis](#)
- [Colon cancer](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Eruptions](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Occupational Diseases](#)

- [Pemphigus](#)
- [Respiratory Syncytial Virus Infections](#)
- [Stroke](#)
- [Uterine Cervical Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)