

Proteoliposomes

Full-Length

CD4 (Human) Recombinant Protein

Catalog # H00000920-G01

Size 10 ug

Specification

Product Description

Human CD4 full-length ORF (NP_000607.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MNRGVPFRHLLLVLQLALLPAATQGKKVVLGKKGDTVELTCTASQKKSQFHWKNSNQIKILGNQG
SFLTGKPSKLNDRADSRRLWDQGNFPLIINKLKIEDSDTYICEVEDQKEEVQLLVFGLTANS DTHL
LQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTL SVSQLELQDSGTWTCTVLQNQKKVEFKID
MVLAFQKASSVYKKEGEQVEFSFPLAFTVEKLTGSGELWWQAERASSSKSWITFDLKNKEVSV
KRVTDPKLQMGKKLPLHLTLPQALPQYAGSGNLTALAEAKTGKLGHEVNLVVMRATQLQKNLTC
EVWGPTSPKLM LSLKLENKEAKVSKREKAVVVLNPEAGMWQCLLSDSGQVLLESNIKVLPTWS
TPVQPMALMLGGVAGLLLFIGLGIFFCVRCRHRRRQAERMSQIKRLLSEKKTCQCPHRFQKTCSPI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

51.1

Interspecies Antigen Sequence

Mouse (56); Rat (54)

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 — CD4

Entrez GeneID	920
GeneBank Accession#	NM_000616.3
Protein Accession#	NP_000607.1
Gene Name	CD4
Gene Alias	CD4mut
Gene Description	CD4 molecule
Omim ID	186940
Gene Ontology	Hyperlink
Other Designations	CD4 antigen CD4 antigen (p55) CD4 receptor

Pathway

- [Antigen processing and presentation](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Hematopoietic cell lineage](#)
- [Primary immunodeficiency](#)
- [T cell receptor signaling pathway](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Arthritis](#)
- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Pregnancy Complications](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Viremia](#)
- [Vitiligo](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)