9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-9570: Recombinant Human T-cell surface glycoprotein CD4/sCD4 (C-Fc)

Alternative Name : T-cell surface glycoprotein CD4;T-cell surface antigen T4/Leu-3;CD4;Scd4

Description

Source : Human Cells;
CD4 is an approximately 55 kDa type I transmembrane glycoprotein that is expressed predominantly on thymocytes and a subset of mature T lymphocytes. It is a standard phenotype marker for the identification of T cell populations. Mature human CD4 consists of a 371-amino acid extracellular region containing four immunoglobulin-like domains, a 22-aa transmembrane segment, and a 40-aa cytoplasmic domain. CD4 is expressed along with CD8 on double positive T-cells during their development in the thymus. CD4 binds directly to MHC class-II molecules on antigen presenting cells (10). This interaction contributes to the formation of the immunological synapse which is focused around the TCR-MHC class II-antigenic peptide interaction. CD4 also functions as a chemotactic receptor for IL-16 and, in human, as a co-receptor for the gp120 surface glycoprotein of HIV-1.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS,1mM EDTA,PH7.4.

Amino Acid : Recombinant Human T-cell Surface Glycoprotein CD4 is produced by our Mammalian expression system and the target gene encoding Lys26-Trp390 is expressed with a Fc tag at the C-terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.