

## sCD4 Human

**Description:**sCD4 Human Recombinant produced in Baculovirus is a single, glycosylated polypeptide chain containing 365 amino acids and having a non glycosylated molecular mass of 45 kDa. As a result of glycosilation the sCD4 migrates as a 46 kDa protein on standard SDS-PAGE. Detected By Western Immun Blots anti CD4 monoclonal antibody. The sCD4 is purified by proprietary chromatographic techniques.

**Catalog #:**CYPS-311

For research use only.

**Synonyms:**gp55, HLA-2, L3 / T4, Ly-4, T cell antigen T4/LEU3, T4, sCD4, CD4mut.

**Source:**Baculovirus.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**KKVVL GKKGDTVELT CTASQKKSIQ FHWKNSNQIK ILGNQGSFLT  
KGPSKLNDRD DSRRLWDQG NFPLIKNLK IEDSDTYICE VEDQKEEVQL LVFGLTANS  
THLLQGQSLT LTLEPPGSS PSVQCRSPRG KNIQGGKTLVSQLELQDSG TWTCTVLQNN  
KKVEFKIDIV VLAQKASSI VYKKEGEQVE FSFPLAFTVE KLTGSGELWWQAERASSSKS  
WITFDLKN

**Purity:**Greater than 90.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Formulation:**

The solution contains 10mM NaPO<sub>4</sub> buffer pH-7.0 and 300mM NaCl.

**Stability:**

sCD4 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

CD4 is a cell-surface glycoprotein found on the mature helper T cells and immature thymocytes, as well as on monocytes and macrophages. (Some cytotoxic T cells have CD4 protein as well.) Normally, about 65% of T cells in the blood are CD4+ (have CD4 protein protruding from their membrane). A mature T cell with either have CD4 or CD8, but not both. During one stage of development T cells develop CD4 and CD8 receptors, but they eventually are differentiated in the thymus and become more specialized.

**To place an order, please [Click HERE](#).**