

## 32-1698: sCD4 Recombinant Protein(Discontinued)

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

### Description

Source : Baculovirus. 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 Immunoblots anti CD4 monoclonal antibody. The sCD4 is purified by proprietary chromatographic techniques. 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.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 90.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Content :</b>	The solution contains 10mM NaPO4 buffer pH-7.0 and 300mM NaCl.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	KKVVL GKKGDTVELT CTASQKKSQ FHWKNSNQIK ILGNQGSFLT KGPSKLNDR DSRRLWDQGNFPLIKNLK IEDSDTYICE VEDQKEEVQL LVFGLTANS THLLQGQSLT LTLESPPGSS PSVQCRSPRGKNIQGGKTL VSQLELQDSG TWTCTVLQNQ KKVEFKIDIV VLAQKASSI VYKKEGEQVE FSFPLAFTVEKLTGSGELWWQAERASSKS WITFDLKNKE VSVKRVTPD KLQMGKKLPL HLTLPQALPQYAGSGNLTALAEKTGKLHQ EVNLVVMRAT QLQKNLTCEV WGPTSPKLML SLKLENKEAK VSKREKAVVWLNPEAGMWQC LLSDSGQVLL ESNIKVLPTW.

