

32-1698: sCD4 Recombinant Protein

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

Amount :	10 µg
Purification :	Greater than 90.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	The solution contains 10mM NaPO ₄ buffer pH-7.0 and 300mM NaCl.
Storage condition :	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.
Amino Acid :	KKVVL GKKGDTVELT CTASQKKSIIQ FHWKNSNQIK ILGNQGSFLT KGPSKLNDR DSRRSLWDQG NFPLIIKLNK IEDSDTYICE VEDQKEEVQL LVFGLTANS D THLLQGQSLT LTLESPPGSS PSVQCRSPRG KNIQGGKTL S VSQLELQDSG TWTCTVLQNQ KKVEFKIDIV VLAFAQASSI VYKKEGEQVE FSFPLAFTVE KLTGSGELWWQAERASSSKS WITFDLKNKE VSVKRVTDQP KLQMGKKLPL HLTLPQALPQ YAGSGNLTALAEAKTGKHLQ EVNLVVMRAT QLQKNLTCEV WGPTSPKLML SLKLENKEAK VSKREKAVVW LNPEAGMWQC LLSDSGQVLL ESNIKVLPTW.

