

Soluble CD4 Human Recombinant

Item Number	rAP-0035
Synonyms	gp55, HLA-2, L3 / T4, Ly-4, T cell antigen T4/LEU3, T4, sCD4, CD4mut.
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 glycosylation the sCD4 migrates as a 46 kDa protein on standard SDS-PAGE. Detected By Western Imunno Blots anti CD4
Uniprot Accesion Number	P01730
Amino Acid Sequence	KKVVL GKKGDTVELT CTASQKKSQI FHWKNSNQIK ILGNQGSFLT KGPSKLNDRA DSRRSLWDQG NFPLIIKNLK IEDSDTYICE VEDQKEEVQL LVFGLTANSI THLLQQQSLT LTLESPPGSS PSVQCRSPRG KNIQGGKTLS VSQLELQDSG TWTCTVLQNN KKVEFKIDIV VLAFQKASSI VYKKEGEQVE FSFPLAFTVE KLTGSGELWWQAERASSSKS WITFDLKNE VSVKRVTQDP KLQMGKKLPL HLTLPQALPQ YAGSGN- LTLALEAKTGKLHQ EVNLVVMRAT QLQKNLTCEV WGPTSPKML SLKLENKEAK VSKREKAVWV
Source	Baculovirus.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The solution contains 10mM NaPO4 buffer pH-7.0 and 300mM NaCl. Greater than 90.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**