

CD4 (26-396) Human Recombinant, Sf9

Item Number	rAP-0040
Synonyms	CD4 Molecule, T-Cell Surface Antigen T4/Leu-3, CD4 Antigen (P55), T-Cell Surface Glycoprotein CD4, CD4 Receptor, CD4 Antigen, CD4mut.
Description	CD4 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 377 amino acids (26-396a.a.) and having a molecular mass of 42.1kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).CD4 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary
Uniprot Accession Number	P01730
Amino Acid Sequence	KKVVLGKKGD TVELTCTASQ KKSQFHWKN SNQIKILGNQ GSFLTkgpsk LNDRADSRRS LWDQGNFPLI IKNLKIEDSD TYICEVEDQK EEVQLLVFGL TANS DTHLLQ GQSLTLTLES PPGSSPSVQC RSPRGKNIQG GKTL SVSQLE LQDSGTWTCT VLQNQKKEF KIDIVLAFQ KASSIVYKKE GEQVEFSFPL AFTVEKLTGS GELWWQAE-
Source	Sf9, Insect cells.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	CD4 a protein solution (0.25mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol. Greater than 95.0% as determined 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**