



Recombinant Human T-cell surface glycoprotein CD4 (CD4), partial

Product Code	CSB-BP004935HU1
Relevance	Accessory protein for MHC class-II antigen/T-cell receptor interaction. May regulate T-cell activation. Induces the aggregation of lipid rafts. (Microbial infection) Acts as a receptor for human immunodeficiency virus-1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P01730
Alias	T-cell surface antigen T4/Leu-3 CD_antigen: CD4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	<p>KKVVLGKKGDTVELTCTASQKKSIFHWKNSNQIKILGNQGSFLTCKGPKLND RADSRRSLWDQGNFPLIINKLKIEDSDTYICEVEDQKKEEVQLLVFGLTANS^{DT}H LLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTL^{SV}SQLELQDSGTWTC TVLQNQKKVEFKIDIVVLA^{FQ}KASSIVYKKEGEQVEFSFPLAFTVEKLTGSGEL WWQAERASSSKSWITFDLKNKEVSVKRV^{TQ}DPKLQMGKKLPLHLTLPQALPQ YAGSGNLTAL^{EAK}TGKLHQEVN^{LV}MRATQLQKNLTCEVWGPTSPKLM^{LSL} KLENKEAKVSKREKAVV^{LN}PEAGMWQCLLSDSGQV^{LLES}NIKVLPTWSTPV QP</p>
Research Area	Immunology
Source	Baculovirus
Target Names	CD4
Protein Names	Recommended name: T-cell surface glycoprotein CD4 Alternative name(s): T-cell surface antigen T4/Leu-3 CD_antigen= CD4
Expression Region	26-396aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Partial
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

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