



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

<b>Product Code</b>	CSB-EP004935HU1
<b>Relevance</b>	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
<b>Storage</b>	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.
<b>Uniprot No.</b>	P01730
<b>Alias</b>	T-cell surface antigen T4/Leu-3 CD_antigen: CD4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	KKVVLGKKGDTVELTCTASQKKSIFHWKNSNQIKILGNQGSFLTkgpsklnd RADRRSLWDQGNFPLIIKLNKIEDSDTYICEVEDQKEEVQLLVFGLTANSDTH LLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLVSQLELQDSGTWTC TVLQNQKKVEFKIDIVVLAFFQKASSIVYKKEGEQVEFSFPLAFTVEKLTGSGEL WWQAERASSSKSWITFDLKNKEVSVKRVTDQPKLQMGKKLPLHLTLTPQALPQ YAGSGNLTALAEAKTGKLNHVEVNLVVMRATQLQKNLTCEVWGPTSPKLMLSL KLENKEAKVSKREKAVWVLNPEAGMWQCLLSDSGQVLLSNIKVLPTWSTPV QP
<b>Research Area</b>	Immunology
<b>Source</b>	E.coli
<b>Target Names</b>	CD4
<b>Protein Names</b>	Recommended name: T-cell surface glycoprotein CD4 Alternative name(s): T-cell surface antigen T4/Leu-3 CD_antigen= CD4
<b>Expression Region</b>	26-396aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Partial
<b>Reconstitution</b>	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

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.