

Recombinant Human CD4 protein, His-tagged

Cat. No. CD4-2360H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD4 protein(P01730)(26–396aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	26–396aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	45.3 kDa
AA Sequence	KKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIKILGNQGSFLTkgPSKLNDRADSRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQLLVFGLTANS DTHLLQGQSLT LTLESPPGSSPSVQCRSPRGKNIQGGKTL SVSQLELQDSGTWTCTVLQNQKKVEFK IDIVVLA FQKASSIVYKKEGEQVEFSFPLAFTVEKLTGSGELWWQAERASSSKSWITF DLKNKEVSVKRVTQDPKLQMGKKLPLHLTLPQALPQYAGSGNLTALAEAKTGK LHQ EVNLVVMRATQLQKNLTCEVWGPTSPKLMLSLKLENKEAKVSKREKAVWVLNPEAG MWQCLLSDSGQVLLESNIKVLPTWSTPVQP
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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.
GENE INFORMATION	
Gene Name	CD4 CD4 molecule [Homo sapiens]
Official Symbol	CD4
Synonyms	CD4; CD4 molecule; CD4 antigen (p55) , T cell surface glycoprotein CD4; T-cell surface glycoprotein CD4; CD4 receptor; CD4 antigen (p55); T-cell surface antigen T4/Leu-3; CD4mut;
Gene ID	920
mRNA Refseq	NM_000616
Protein Refseq	NP_000607
MIM	186940
UniProt ID	P01730