

## Recombinant Human CD4 protein, His-tagged

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

### SPECIFICATION

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

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| <b>Storage</b>          | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                           |
| <b>Reconstitution</b>   | 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. |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>        | CD4 CD4 molecule [ Homo sapiens ]                                                                                                                                                                                                                                                                  |
| <b>Official Symbol</b>  | CD4                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>         | 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;                                                                                                                 |
| <b>Gene ID</b>          | 920                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_000616                                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>   | NP_000607                                                                                                                                                                                                                                                                                          |
| <b>MIM</b>              | 186940                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>       | P01730                                                                                                                                                                                                                                                                                             |