

# Recombinant Full Length Rabbit T-Cell Surface Glycoprotein Cd4(Cd4) Protein, His-Tagged

**Cat. No.** RFL13540OF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Rabbit T-cell surface glycoprotein CD4(CD4) Protein (P46630) (26-459aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Oryctolagus cuniculus                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Full Length of Mature Protein (26-459)                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | KTVVRGKAGAIVELPCQSSQKRNSVFNWKHANQVKILGNQGSSSSSFWLKGN SPLS<br>NRVESKKNMWDQGSFPLVIKDLRMDDSGTYICEVGDKKMEVELLVFRLTANPNTRL<br>LHGQSLTLLEGPSVGSQVQWKSPENKIIETGPTCSMPKLRQLQDSGTWSCHLSFQ<br>DQNKLELDIKIIVLGFPKASATVYKKEGEQVEFSFPLNFEDESLSGELMWQVDGASS<br>AQSWSFSLED RKVSVQKILPDLKIQMSKGLPLSLTLPQALHRYAGSGNLSLTLDKG<br>KLHQVQVSLVMLKVTQVKNKLTCEVLGPIDPKMKLSLKLEDQEAKVSTQKMVQVLDP<br>KAGTWQCLLSSGDQVLLESKADVLATGLSHQQPTLLAGALGGTAGLVLFAGLCIYCC<br>VKCRHRRHQAQRMSQIKKLLSEKKTCQCPHRLQKTYNLL |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

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|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes          | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                         |
| Storage        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                              |
| Storage Buffer | Tris/PBS-based buffer, 6% Trehalose, pH 8.0                                                                                                                                                                                                                                                                                                                                                                 |
| 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. |

## GENE INFORMATION

|            |                                                                                       |
|------------|---------------------------------------------------------------------------------------|
| Gene Name  | CD4                                                                                   |
| Synonyms   | CD4; T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3; CD antigen CD4 |
| UniProt ID | <a href="#">P46630</a>                                                                |

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