

## Recombinant Human CD5 protein, hFc-Avi-tagged

**Cat. No.** CD5-6713H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD5 protein(P06127)(Arg25-Asn371), fused with C-terminal hFc-Avi tag, was expressed in HEK293.                                                        |
| <b>Species</b>          | Human                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                  |
| <b>ProteinLength</b>    | Arg25-Asn371                                                                                                                                                            |
| <b>Tag</b>              | C-hFc-Avi                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.                                          |
| <b>Bio-activity</b>     | Immobilized Human CD5 at 1µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-CD5 Antibody, hFc Tag with the EC50 24.0ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 67.1 kDa. Due to glycosylation, the protein migrates to 75-82 kDa based on Tris-Bis PAGE result.                                      |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                 |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC                                                                                                       |

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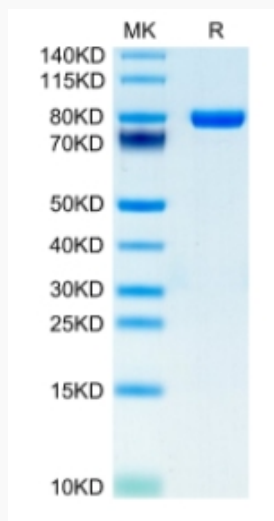
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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.                    |
| <b>Reconstitution</b>   | Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| <b>GENE INFORMATION</b> |                                                                                                                                                             |
| <b>Gene Name</b>        | CD5 CD5 molecule [ Homo sapiens ]                                                                                                                           |
| <b>Official Symbol</b>  | CD5                                                                                                                                                         |
| <b>Synonyms</b>         | CD5; CD5 molecule; CD5 antigen (p56 62) , LEU1; T-cell surface glycoprotein CD5; T1; CD5 antigen (p56-62); lymphocyte antigen T1/Leu-1; LEU1;               |
| <b>Gene ID</b>          | 921                                                                                                                                                         |
| <b>mRNA Refseq</b>      | NM_014207                                                                                                                                                   |
| <b>Protein Refseq</b>   | NP_055022                                                                                                                                                   |
| <b>MIM</b>              | 153340                                                                                                                                                      |
| <b>UniProt ID</b>       | P06127                                                                                                                                                      |

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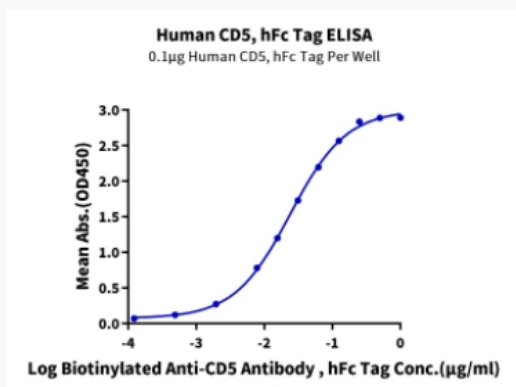
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## Tris-Bis PAGE



## ELISA Data



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