

## Recombinant Human CD24 protein, Llama Fc-tagged

**Cat. No.** CD24-479H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD24 protein(P25063)(Ser27-Gly59), fused with C-terminal Llama Fc tag, was expressed in HEK293.                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                     |
| <b>ProteinLength</b>    | Ser27-Gly59                                                                                                                                                                                |
| <b>Tag</b>              | C-Llama Fc                                                                                                                                                                                 |
| <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 CD24, Llama Fc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-CD24 Antibody, hFc Tag with the EC50 of 0.18µg/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 29.5 kDa. Due to glycosylation, the protein migrates to 48-58 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; > 94% as determined by HPLC                                                                                                                          |

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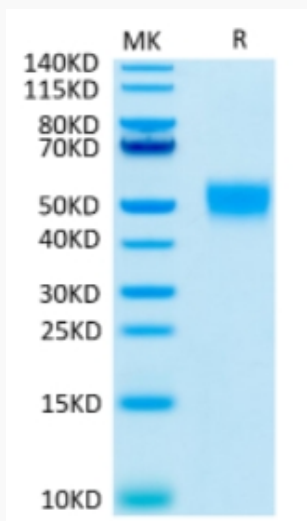
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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Reconstituted protein stable at -80°C 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>        | CD24 CD24 molecule [ Homo sapiens ]                                                                                                                         |
| <b>Official Symbol</b>  | CD24                                                                                                                                                        |
| <b>Synonyms</b>         | CD24; CD24 molecule; CD24 antigen (small cell lung carcinoma cluster 4 antigen); signal transducer CD24; CD24A; FLJ22950; FLJ43543; MGC75043;               |
| <b>Gene ID</b>          | 100133941                                                                                                                                                   |
| <b>mRNA Refseq</b>      | NM_013230                                                                                                                                                   |
| <b>Protein Refseq</b>   | NP_037362                                                                                                                                                   |
| <b>MIM</b>              | 600074                                                                                                                                                      |
| <b>UniProt ID</b>       | P25063                                                                                                                                                      |

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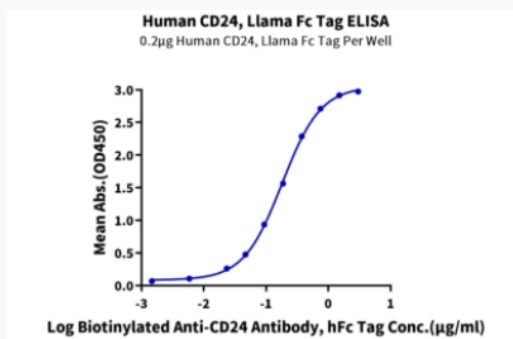
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## Tris-Bis PAGE



## ELISA Data



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