

PRODUCT INFORMATION

| | |
|---|---|
| Target | CD24 |
| Synonyms | CD24a;HSA;Ly-52;nectadrin |
| Description | Recombinant mouse CD24 protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | P24807 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| Molecular Characterization | Mouse CD24(Asn27-Arg52) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 28.8 kDa after removal of the signal peptide. The apparent molecular mass of mCD24-hFc is approximately 35-55 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | Enables Hsp70 protein binding activity; Hsp90 protein binding activity; and carbohydrate binding activity. Involved in several processes, including chemokine receptor transport out of membrane raft; negative regulation of cytokine production; and regulation of inflammatory response to wounding. Acts upstream of or within several processes, including positive regulation of immune response; regulation of cell-cell adhesion; and regulation of lymphocyte activation. Located in cell projection membrane; external side of plasma membrane; and membrane raft. Is anchored component of external side of plasma membrane. Is expressed in several structures, including extraembryonic component; genitourinary system; hemolymphoid system; hindlimb; and retina. Human ortholog(s) of this gene implicated in multiple sclerosis. Orthologous to human CD24 (CD24 molecule). [provided by Alliance of Genome Resources, Apr 2022] |
| Usage | Research use only |
| Conjugate | Unconjugated |



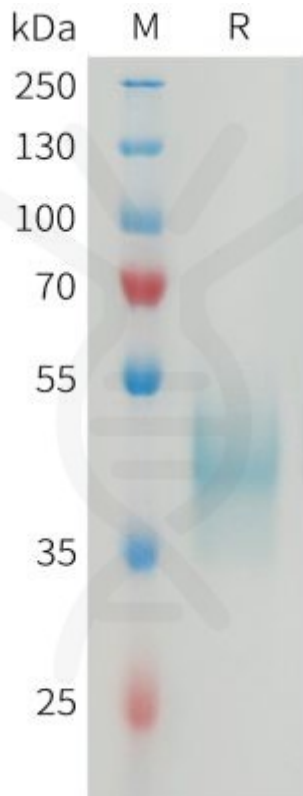


Figure 1. Mouse CD24 Protein, hFc Tag on SDS-PAGE under reducing condition.

