

PRODUCT INFORMATION

CD24 **Target**

Synonyms CD24a; HSA; Ly-52; nectadrin

Recombinant mouse CD24 protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** P24807 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

Mouse CD24(Asn27-Arg52) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of 28.8 kDa after removal of the signal peptide. The **Molecular Weight**

apparent molecular mass of mCD24-hFc is approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 %

- 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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

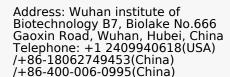
Background activation. Located in cell projection membrane;

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

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Usage Research use only Conjugate Unconjugated







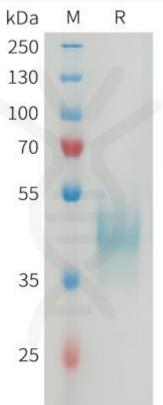


Figure 1. Mouse CD24 Protein, hFc Tag on SDS-PAGE under reducing condition.

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