

## 32-18523: Mouse CD24 Protein, hFc Tag

**Uniprot ID :** P24807  
**Alternative Name :** CD24a;HSA;Ly-52;nectadrin

### Description

**Description :** Recombinant mouse CD24 protein with C-terminal human Fc tag

**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).

**Molecular Characterization:** 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.

**Tag :** C-Human Fc Tag

### Product Info

**Amount :** 50 µg / 100 µg

**Purification :** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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.

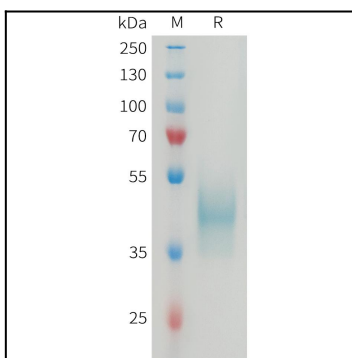


Figure 1. Mouse CD24 Protein, hFc Tag on SDS-PAGE under reducing condition.