

Product datasheet for **TP724532**

Mouse CD24 Protein, hFc Tag

Product data:

Product Type:	Recombinant Proteins
Description:	Mouse CD24 Protein, hFc Tag
Expression Host:	HEK293
Tag:	C-Human Fc
Predicted MW:	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.
Reconstitution Method:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage:	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.
Stability:	12 months from date of despatch
Summary:	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]



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