

Recombinant Rat Cd24 protein(Met1-Cys55), hFc-tagged

Cat. No. Cd24-7478R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD24 (Q07490) (Met1-Cys55) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Source	HEK293
Species	Rat
Tag	C-hFc
Protein length	Met1-Cys55
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Rat CD24/Fc is a disulfide-linked homodimer. The reduced monomer comprises 270 amino acids and has a predicted molecular mass of 29.9 kDa. The apparent molecular mass of the protein is approximately 43-48 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Cd24 CD24 molecule [<i>Rattus norvegicus</i>]
Official Symbol	Cd24
Synonyms	CD24; CD24 molecule; signal transducer CD24; HSA; CD24 antigen; heat-stable antigen; nectadrin heat stable antigen; Cd24a; MGC93641;
Gene ID	25145
mRNA Refseq	NM_012752
Protein Refseq	NP_036884

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