

Product datasheet for **TP721379**

CD24 Human Recombinant Protein, Exosome

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CD24 full length protein-Exosome, 50µg
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	C-terminal Flag tagged overexpression cDNA clone
Tag:	C-term Flag Tag
Predicted MW:	The human CD24 Protein has a MW of 8.1 kDa
Concentration:	Please refer to the Certificate of Analysis (COA) for the lot-specific concentration before lyophilization.
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization.
Reconstitution Method:	<ol style="list-style-type: none">1. Before opening the tube cap, centrifuge the sample tube at 5000g for 3-5min at room temperature to ensure the lyophilized sample settles down at the bottom of the tube.2. Calculate the volume for reconstitution (in µL) using the formula: [Quantity (mg)/Concentration (mg/mL)]x10003. Dissolve the lyophilized protein sample in sterile water based on the calculated volume (µL)4. After adding sterile water, cover the lid and mix by gently tapping the tube 5-10 times. Note: Do not vortex or vigorously pipette the sample.
Storage:	Store at -20°C to -80°C for 12 months in lyophilized form.
Stability:	After reconstitution, if not intended for use within a month, aliquot and store at -80°C . Avoid repeated freezing and thawing.
Locus ID:	100133941
UniProt ID:	P25063
Synonyms:	CD24
Protein Families:	GPCR



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Product images:

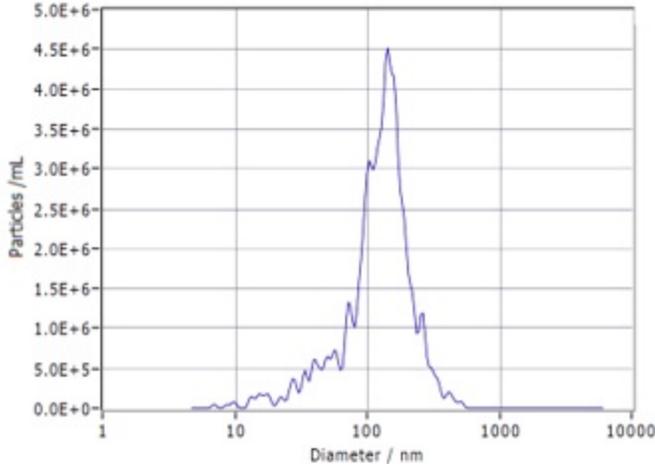


Figure 2. Nanoparticle Tracking Analysis of CD24 exosomes

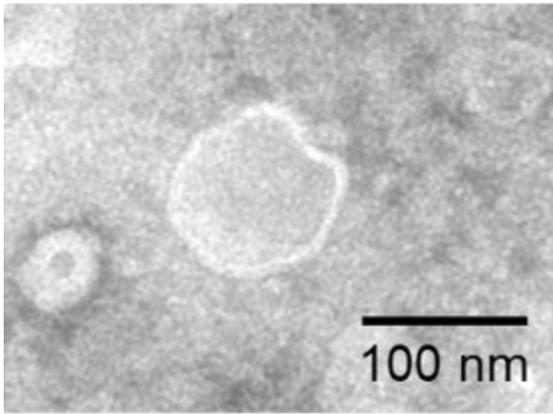


Figure 3. TEM image of CD24 exosomes

ELISA assay to evaluate CD24-Exo
0.5µg Human CD24 Exosome per well

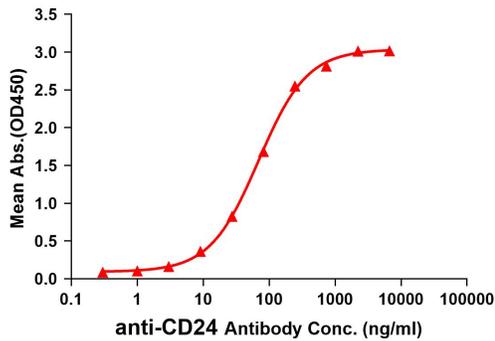


Figure 1. ELISA plates were pre-coated with 0.5µg/per well purified human CD24 exosome. Serial diluted Anti-CD24 monoclonal antibody solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC50 is 69.61 ng/ml.