

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)]x1000 3. 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:	<u>P25063</u>
Synonyms:	CD24
Protein Families:	GPCR



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Product images:

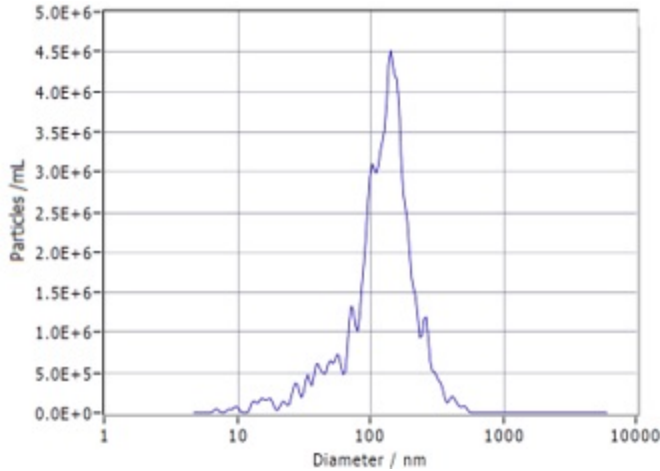


Figure 2. Nanoparticle Tracking Analysis of CD24 exosomes

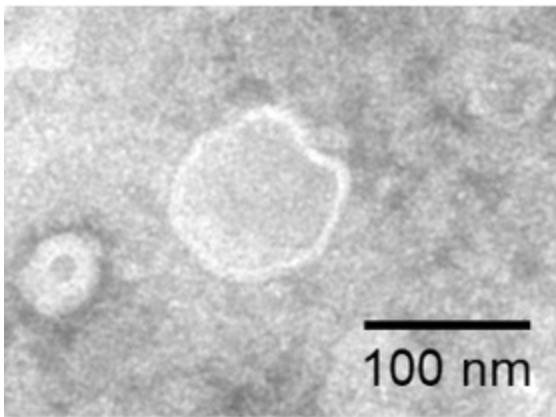


Figure 3. TEM image of CD24 exosomes

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

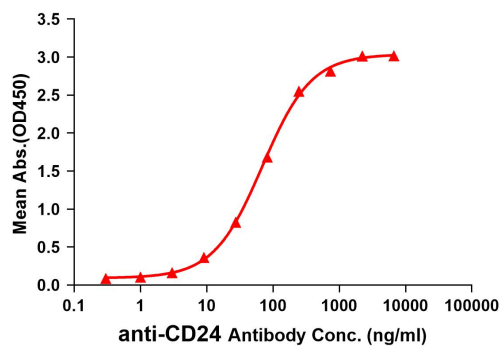


Figure 1. ELISA plates were pre-coated with 0.5µg/per well purified human CD24 exosome. Serial diluted Anti-CD24 monoclonal antibody solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC50 is 69.61 ng/ml.