



# Recombinant Human Claudin 6 VLP (DAG-WT1223)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Species	Human
Purity	> 95% as determined by HPLC
Conjugate	N/A
Applications	ELISA, SPR
Molecular Weight	24.5 kDa
Reconstitution	Reconstituting to a concentration more than 100 ug/ml is recommended. Dissolve the lyophilized protein in distilled water.
Format	Lyophilized
Size	100 µg, 500 µg
Buffer	Lyophilized from 0.22um filtered solution in PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization
Preservative	None
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week

## BACKGROUND

Introduction	Claudin-6 (CLDN6) is a member of the claudin family and serves as a tight junction molecule, which plays a vital role in cell-to-cell adhesion in epithelial or endothelial cell sheets. It encodes the tetraspan membrane protein, with the size of 220 amino acids and molecular mass of
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23,292 Da. CLDN6 has been identified to be the origination of cell adhesion signaling taking part in the regulation of nuclear receptor activity through targeting molecules of the nuclear receptor superfamily and managing their gene expression.

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<b>Keywords</b>	Claudin-6; CLDN6; Virus-like particle; VLPs
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## GENE INFORMATION

<b>UniProt ID</b>	P56747
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