Biotinylated Human Claudin 4 Nanodisc

Catalog # CLDN4-HB002

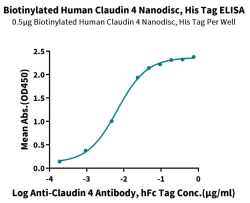
Product Details

Product description	Recombinant Biotinylated Human Claudin 4 Nanodisc is expressed in HEK293 cells with a His tag at the C-terminus. It contains amino acid residues Met1-Val209 (UniProt accession: O14493).
Molecular aliases	Claudin-4; CLDN4; Claudin4; CPE-R; CPE R; CPETR1; WBSCR8
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 35.0 kDa.
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Supplied as 0.22 μm filtered solution in PBS, 200mM L-arginine (pH 7.4). Notice: Not recommended for flow cytometry in mammalian cells.
Storage	Valid for 6 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Activity validation	Activity verified
Negative control	CON-HM1NB

Protein Integrity

ELISA

Representative product-page data



Reported result

Immobilized Biotinylated Human Claudin 4 Nanodisc, His Tag at 5μg/ml (100μl/well) on the streptavidin precoated plate (5μg/ml). Dose response curve for Anti-Claudin 4 Antibody, hFc Tag with the EC50 of 6.6ng/ml determined by ELISA (QC Test).