Biotinylated Human Claudin 4 Nanodisc Protein

Catalog # CLDN4-HB001

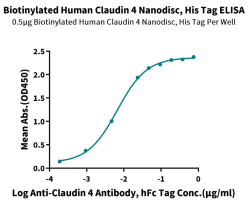
Product Details

Product description	Biotinylated Human Claudin 4 Nanodisc Protein is a full-length multi-pass membrane protein presented in a Nanodisc format for antibody discovery, binding assays and method development. Recombinant Biotinylated Human Claudin 4 Nanodisc is expressed from HEK293 with His tag at the C-terminus. It contains Met1-Val209 (accession: O14493).
Molecular aliases	Claudin-4; CLDN4; Claudin4; CPE-R; CPE R; CPETR1; WBSCR8
Expression system	HEK293
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 12 months from date of receipt when stored at -80°C. Aliquot where appropriate and minimize freeze-thaw cycles.
Activity validation	Activity verified

Protein Integrity

ELISA

Representative product-page data



Reported result

ELISA Data 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).