Biotinylated Human Claudin 1 Nanodisc

Catalog # CLAUDIN1-HB001

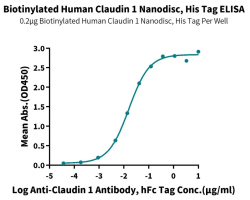
Product Details

Product description	Recombinant Biotinylated Human Claudin 1 Nanodisc is expressed in HEK293 cells with a His tag at the C-terminus. It contains amino acid residues Met1-Val211 (UniProt accession: O95832).
Molecular aliases	Claudin-1; CLDN1; CLD1; SEMP1
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 35.69 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 1 Nanodisc, His Tag at 2μg/ml (100μl/well) on the streptavidin precoated plate (5μg/ml). Dose response curve for Anti-Claudin 1 Antibody, hFc Tag with the EC50 of 15.9ng/ml determined by ELISA. (QC Test)