

Active Recombinant Fluorescent Human CLDN6 protein, Flag-His&GFP-tagged(Nanodisc)

Cat. No. CLDN6-795H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Fluorescent Human CLDN6 protein(Ala 2 - Val 220) (P56747), fused with Flag tag, His tag and GFP tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala 2 - Val 220
Form	Supplied as 0.2 µm filtered solution in 20 mM HEPES, 150 mM NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Fluorescent Human Claudin-6 Protein, Flag,His,GFP Tag at 5 µg/mL (100 µL/well) can bind Monoclonal Anti-Human Claudin 6 antibody, Human IgG1 with a linear range of 0.1-3 ng/mL.
Molecular Mass	The protein has a calculated MW of 54.0 kDa. The protein migrates as 22 kDa, 25 kDa, 51-52 kDa and 100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>80% as determined by SDS-PAGE.

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Storage	This product is stable after storage at: The product MUST be stored at -70°C or lower upon receipt; -70°C for 3 months under sterile conditions.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CLDN6 claudin 6 [Homo sapiens]
Official Symbol	CLDN6
Synonyms	CLDN6; claudin 6; claudin-6; skullin;
Gene ID	9074
mRNA Refseq	NM_021195
Protein Refseq	NP_067018
UniProt ID	P56747

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