

CLDN11 / Claudin-11 Recombinant Protein | CLDN11 recombinant protein

Recombinant Human CLDN11 / Claudin-11 Protein (Fc tag)

CATALOG #
AAA173535

HOST
HEK293 Cells

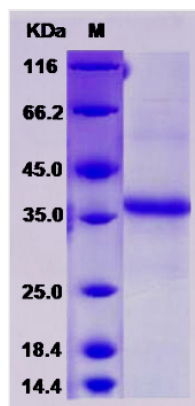
PRODUCT SYNONYMS

CLDN11 / Claudin-11; Recombinant Human CLDN11 / Claudin-11 Protein (Fc tag); OSP; OTM; CLDN11 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>90 % as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH 7.4, 5% Trehalose, 5% Mannitol, 0.01% Tween-80.
Sequence	Val23-Arg8 2
Species	Human
Tag	N-Fc
Endotoxin	< 1.0 EU per ug as determined by the LAL method.
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7° for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CLDN11 recombinant protein	Claudin-11, also known as CLDN11, belongs to the group of claudins. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands function as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. Claudin-11 is a tight junction associated protein and is a major component of central nervous system (CNS) myelin that is necessary for normal CNS function. Human blood-testis barrier disruption is related to a dysfunction of CLDN11 gene. It plays an important role in regulating proliferation and migration of oligodendrocytes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10938016
NCBI GeneID	5010
NCBI GenBank Nucleotide #	NM_005602.5
UniProt Accession #	O75508; Q5U0P3; B2R7C1; D3DNQ5
Molecular Weight	Mol_Mass: 33.2 kDa AP_Mol_Mass: 37 kDa
NCBI Official Full Name	claudin-11 isoform 1
NCBI Official Synonym Full Names	claudin 11
NCBI Official Symbol	CLDN11
NCBI Official Synonym Symbols	OSP; OTM
NCBI Protein Information	claudin-11
UniProt Protein Name	Claudin-11
UniProt Gene Name	CLDN11
UniProt Synonym Gene Names	OSP; OTM

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cldn11-recombinant-protein-hek293-cells/173535>