

# Recombinant Human CLDN5 Protein, His-tagged, OVA Conjugated

**Cat. No.** CLDN5-2790H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	OVA Conjugated Recombinant Human CLDN5 Protein (Val144-Glu159) fused with a N-His tag.
<b>Species</b>	Human
<b>Source</b>	Protein Conjugation
<b>ProteinLength</b>	Val144-Glu159
<b>Description</b>	This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets. Mutations in this gene have been found in patients with velocardiofacial syndrome. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 16 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.
<b>Conjugation</b>	OVA

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CLDN5 claudin 5 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">CLDN5</a>
<b>Synonyms</b>	CLDN5; claudin 5; AWAL, TMVCF, transmembrane protein deleted in velocardiofacial syndrome; claudin-5; BEC1; CPETRL1; TMDVCF; transmembrane protein deleted in VCFS; transmembrane protein deleted in velocardiofacial syndrome; AWAL; TMVCF;
<b>Gene ID</b>	<a href="#">7122</a>
<b>mRNA Refseq</b>	<a href="#">NM_001130861</a>
<b>Protein Refseq</b>	<a href="#">NP_001124333</a>
<b>MIM</b>	<a href="#">602101</a>

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UniProt ID

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