

Datasheet for ABIN7556409

## Claudin 7 Protein (CLDN7) (AA 1-211) (His tag)



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### Overview

|                               |                                                  |
|-------------------------------|--------------------------------------------------|
| Quantity:                     | 1 mg                                             |
| Target:                       | Claudin 7 (CLDN7)                                |
| Protein Characteristics:      | AA 1-211                                         |
| Origin:                       | Mouse                                            |
| Source:                       | HEK-293 Cells                                    |
| Protein Type:                 | Recombinant                                      |
| Purification tag / Conjugate: | This Claudin 7 protein is labelled with His tag. |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS)            |

### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Custom-made recombinat Cldn7 Protein expressed in mammalien cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Sequence:        | <p>MANSGLQLLG FSMAMLGWVG LIASTAIPQW QMSSYAGDNI ITAQAMYKGL WMECVTQSTG</p> <p>MMSCCKMYDSV LALPGALQAT RALMVVSLVL GFLAMFVATM GMKCTRCGGD DKAKKARIAM</p> <p>TGGIVFIVAG LAALVACSWI GHQIVTDFYN PLTPMNVKYE FGPAIFIGWA GSALVLLGGA</p> <p>LLSCSCPGSE SKAAYRAPRS YPKSNSSKEY V <b>Sequence without tag. The proposed</b></p> <p><b>Purification-Tag is based on experiences with the expression system, a different complexity</b></p> <p><b>of the protein could make another tag necessary. In case you have a special request, please</b></p> <p><b>contact us.</b></p> |
| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none"> <li>• Made to order protein - from design to production - by highly experienced protein experts.</li> <li>• Protein expressed in mammalien cells and purified in one-step affinity chromatography</li> <li>• The optimized expression system ensures reliability for intracellular, secreted and</li> </ul>                                                                                                                                                                                           |

## Product Details

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transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

|         |                                                     |
|---------|-----------------------------------------------------|
| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
|---------|-----------------------------------------------------|

|        |             |
|--------|-------------|
| Grade: | custom-made |
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## Target Details

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|         |                   |
|---------|-------------------|
| Target: | Claudin 7 (CLDN7) |
|---------|-------------------|

|                   |                                          |
|-------------------|------------------------------------------|
| Alternative Name: | Cldn7 ( <a href="#">CLDN7 Products</a> ) |
|-------------------|------------------------------------------|

|             |                                                                                                                                                                               |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Claudin-7,FUNCTION: Plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity. {ECO:0000250}. |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |          |
|-------------------|----------|
| Molecular Weight: | 22.4 kDa |
|-------------------|----------|

|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">Q9Z261</a> |
|----------|------------------------|

|           |                             |
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| Pathways: | <a href="#">Hepatitis C</a> |
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## Application Details

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| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though. |
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| Restrictions: | For Research Use only |
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## Handling

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|         |        |
|---------|--------|
| Format: | Liquid |
|---------|--------|

# Handling

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| Buffer:          | The buffer composition is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles.                               |
| Storage:         | -80 °C                                                           |
| Storage Comment: | Store at -80°C.                                                  |
| Expiry Date:     | 12 months                                                        |