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## Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

## Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand


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# Recombinant Rat Occludin/OCLN protein (His tag)

**Catalog Number:PDER100043**

***Note:*** Centrifuge before opening to ensure complete recovery of vial contents.

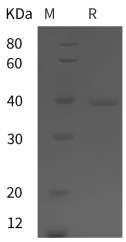
## Description

| | |
|---|---|
| **Synonyms** | Occludin;OCLN_RAT; |
| **Species** | Rat |
| **Expression Host** | E.coli |
| **Sequence** | Lys266-Thr522 |
| **Accession** | Q6P6T5 |
| **Calculated Molecular Weight** | 28.2 kDa |
| **Observed molecular weight** | 40 kDa |
| **Tag** | N-His |

## Properties

| | |
|---|---|
| **Purity** | > 95 % as determined by reducing SDS-PAGE. |
| **Endotoxin** | Please contact us for more information. |
| **Storage** | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months. |
| **Shipping** | This product is provided as lyophilized powder which is shipped with ice packs. |
| **Formulation** | Lyophilized from sterile PBS, pH 7.4.<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.<br>Please refer to the specific buffer information in the printed manual. |
| **Reconstitution** | Please refer to the printed manual for detailed information. |

## Data




> 95 % as determined by reducing SDS-PAGE.

## Background

Rat Occludin is a 523 amino acid (aa), predicted molecular weight 59 kDa integral membrane protein that localizes within tight junctions of epithelial and endothelial cells. May play a role in the formation and regulation of the tight junction (TJ) paracellular permeability barrier. May be involved in the organization of actin in endothelial cells. Defects in OCLN are the cause of band-like calcification with simplified gyration and polymicrogyria (BLCPMG); also known as pseudo-TORCH syndrome. BLCPMG is a neurologic disorder with characteristic clinical and neuroradiologic features that mimic intrauterine TORCH infection in the absence of evidence of infection. Affected individuals have congenital microcephaly, intracranial calcifications, and severe developmental delay.

## For Research Use Only

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