

Datasheet for ABIN7559902  
**BLOC1S4 Protein (AA 1-215) (His tag)**



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## Overview

|                               |  |
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| Quantity:                     | 1 mg   |
| Target:                       | BLOC1S4 (CNO)                                  |
| Protein Characteristics:      | AA 1-215                                       |
| Origin:                       | Mouse  |
| Source:                       | HEK-293 Cells                                  |
| Protein Type:                 | Recombinant                                    |
| Purification tag / Conjugate: | This BLOC1S4 protein is labelled with His tag. |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS)          |

## Product Details

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| Purpose:         | Custom-made recombinat Bloc1s4 Protein expressed in mammalien cells.   |
| Sequence:        | MEEGPAVGTL SREVSTEEAE PLGAAWSGDS GHVSQSHSSA SGPWDDDGPE DAPGRDLPLL<br>RRAASGYASS LLPSAGPRPE VEALDASLEE LLAKVDFVVG MLDMIRGDSS HVGEGVPRI<br>HAKAAEMRRI YGRIDKLEAF VRMIGSSVAR MEEQVAKAEA ELGTFPRAFR RLLHTISVPA<br>LFRSAPSGPQ RAAYEPPVLF RTEDHFPGCG DRPQL <b>Sequence without tag. The proposed<br/>Purification-Tag is based on experiences with the expression system, a different complexity<br/>of the protein could make another tag necessary. In case you have a special request, please<br/>contact us.</b> |
| Characteristics: | Key Benefits: <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.

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|         |   |
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| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
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|        |             |
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| Grade: | custom-made |
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## Target Details

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| Target: | BLOC1S4 (CNO) |
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| Alternative Name: | Bloc1s4 ( <a href="#">CNO Products</a> ) |
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| Background: | Biogenesis of lysosome-related organelles complex 1 subunit 4 (BLOC-1 subunit 4) (Protein cappuccino homolog),FUNCTION: Component of the BLOC-1 complex, a complex that is required for normal biogenesis of lysosome-related organelles (LRO), such as platelet dense granules and melanosomes. In concert with the AP-3 complex, the BLOC-1 complex is required to target membrane protein cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals. The BLOC-1 complex, in association with SNARE proteins, is also proposed to be involved in neurite extension. Plays a role in intracellular vesicle trafficking. {ECO:0000269 PubMed:16760431, ECO:0000269 PubMed:19546860, ECO:0000269 PubMed:21998198}. |
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|                   |          |
|-------------------|----------|
| Molecular Weight: | 23.1 kDa |
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| UniProt: | <a href="#">Q8VED2</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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## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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