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Datasheet for ABIN7557565

**BLOC1S3 Protein (AA 1-195) (His tag)**

## Overview

Quantity:	1 mg
Target:	BLOC1S3
Protein Characteristics:	AA 1-195
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BLOC1S3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Bloc1s3 Protein expressed in mammalian cells.
Sequence:	MESSQGRRRR PGTVPGEAA ETDSELSASS SEELYLGPS GPTRGRPTGL RVAGEAAETD SEPEPEPTVV PVDLPLLVQ RDPAETWGTE ETPAMAPARS LLQLRLAESQ TRLDHDVAAA VSGVYRRAGR DVAALAGRLA AAQATGLAAA HSVRLARGDL CALAERLDIV AGCRLLPDIR GVPGMEPEQD GPRA <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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 mammalian 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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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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## Target Details

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Target:	BLOC1S3
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Alternative Name:	Bloc1s3 ( <a href="#">BLOC1S3 Products</a> )
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Background:	Biogenesis of lysosome-related organelles complex 1 subunit 3 (BLOC-1 subunit 3) (Reduced pigmentation protein),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:	20.4 kDa
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UniProt:	<a href="#">Q5U5M8</a>
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## Application Details

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Application Notes:	We expect the protein to work for functional studies. 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