

Datasheet for ABIN7552874

BLOC1S4 Protein (AA 1-217) (His tag)



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Overview

Quantity:	1 mg
Target:	BLOC1S4 (CNO)
Protein Characteristics:	AA 1-217
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BLOC1S4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant BLOC1S4 Protein expressed in mammalian cells.
Sequence:	MEGSFSDGGA LPEGLAEEAE PQGAWSGDS GTVSQSHSSA SGPWEDEGAE DGAPGRDLPL LRRAAGYAA CLLPGAGARP EVEALDASLE DLLTRVDEFV GMLDMLRGDS SHVVSEGVPR IHAKAAEMRR IYSRIDRLEA FVRMVGG RVA RMEEQVTKAE AELGTFPRAF KKLLHTMNVP SLFSKSAPSR PQQAGYEAPV LFRTEYFPC CSERPQL 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.
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: Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	BLOC1S4 (CNO)
Alternative Name:	BLOC1S4 (CNO Products)
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:17182842}.
Molecular Weight:	23.4 kDa
UniProt:	Q9NUP1

Application Details

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

Restrictions: For Research Use only

Handling

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