

Datasheet for ABIN7559210
Carabin Protein (AA 1-444) (His tag)



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Overview

Quantity:	1 mg
Target:	Carabin (TBC1D10C)
Protein Characteristics:	AA 1-444
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Carabin protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tbc1d10c Protein expressed in mammalian cells.
Sequence:	MAQALGEDLL SELQDDSSSL GSDSELGSPS PYRQADRYGF IGGNSGELRL CQPSADLIRQ REMKWVEMTL HWEKTMSRRY KVKIQCRKG IPSALRARCW PLLCGARMCQ KNNPGTYQEL AAPGDPQWM ETIGRDLHRQ FPLHEMFVSP QGHGQQLLQ VLKAYTLYRP EQGYCQAQGP VAVLLMHLP PEEAFWCLVQ ICEVYLPGYG GPHMEAVQLD AEVFMALLRR QLPRVYKHLQ QVGVGPLLYL PEWFLCLFTR SLPFPTVLR I WDAFLSEGAK VLFVRGLTLM RLALGTVEQR TACPLLETL GALRAIPTQ LQEEVFMSQV HSVTLSEVL QQEIRIQLAQ LSKSLPGPAP LPQARLPGAQ AIFESQQLAG VRESTKPEIP RIVQPPEEP KPPRRKPQTR GKTFHGLLIR ARGPPIEGPS RSQRGSASFL DTRF 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.

Product Details

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- 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:

Carabin (TBC1D10C)

Alternative Name:

Tbc1d10c ([TBC1D10C Products](#))

Background:

Carabin (TBC1 domain family member 10C),FUNCTION: Inhibits the Ras signaling pathway through its intrinsic Ras GTPase-activating protein (GAP) activity. Acts as a negative feedback inhibitor of the calcineurin signaling pathway that also mediates crosstalk between calcineurin and Ras (By similarity). {ECO:0000250}.

Molecular Weight:

49.9 kDa

UniProt:

[Q8C9V1](#)

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.

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