

Datasheet for ABIN7556468
TCL1A Protein (AA 1-116) (His tag)



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Overview

Quantity:	1 mg
Target:	TCL1A
Protein Characteristics:	AA 1-116
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCL1A protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Tcl1a Protein expressed in mammalien cells.
Sequence:	MATQRAHRAE TPAHPNRLWI WEKHVYLDEF RRSWLPVVIK SNEKFQVILR QEDVTLGEAM SPSQLVPYEL PLMWQLYPKD RYRSCDSMYW QILYHIKFRD VEDMLLELID SESNDE 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.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien 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).

Product Details

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, Western Blot
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Grade:	custom-made
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Target Details

Target:	TCL1A
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Alternative Name:	Tcl1a (TCL1A Products)
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Background:	T-cell leukemia/lymphoma protein 1A (Oncogene TCL-1) (Oncogene TCL1) (Protein p14 TCL1),FUNCTION: Enhances the phosphorylation and activation of AKT1 and AKT2. Enhances cell proliferation, stabilizes mitochondrial membrane potential and promotes cell survival (By similarity). {ECO:0000250}.
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Molecular Weight:	14.1 kDa
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UniProt:	P56280
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Pathways:	Stem Cell Maintenance
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Application Details

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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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Handling

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