

Datasheet for ABIN7557095
TCHP Protein (AA 1-497) (His tag)



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Overview

Quantity:	1 mg
Target:	TCHP
Protein Characteristics:	AA 1-497
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TCHP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tchp Protein expressed in mammalian cells.
Sequence:	<p>MALPTLPSYW SSRKHMDLRQ RQHQQEDQFR QQWEQNSRYF RTWDIHNSKQ IEWSSKISYQ</p> <p>RSMHAYHCEK MKEEKRKILE LRRERLRELL LEEQDLLAAE LDELRLSMGL REQLREQHQ</p> <p>DLKSAREEQR KLIAERLLYE HWKKNPNKLR ELELDLHKKH VINSWATQKE EKKQQEATEK</p> <p>QENKRLNQY AAARREAEAR MRVEEERRQL EGRLQAEALR QQMEELKQKE MEATKLKKEQ</p> <p>ENLLRQRWEL ERLEEERRQM AALRRKTELG RFLKHQYNAQ LNRRTQEIQE ELEVDGRILQ</p> <p>ALLEKEGELQ QVELARREQA RADAAMWKQV IEEQLLEKA REAELQQLR EEAKEMWEKR</p> <p>EAEWAREQVA RDRLMSEVLT GRQQQILEKI EQNRRAQEET LKHREKLIRS LEEGKQLAQR</p> <p>AKEESEELKL ARKQELEAQV AERQQGEWEA ARQEEEEEEE ARQAEHSNA LLQQEAKTMA</p> <p>EKGYPKLHG HLRIAWD 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

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:

TCHP

Alternative Name:

Tchp ([TCHP Products](#))

Background:

Trichoplein keratin filament-binding protein (Protein TCHP) (Mitochondrial protein with oncostatic activity) (Mitostatin),FUNCTION: Tumor suppressor which has the ability to inhibit cell growth and be pro-apoptotic during cell stress. May act as a 'capping' or 'branching' protein for keratin filaments in the cell periphery. May regulate K8/K18 filament and desmosome organization mainly at the apical or peripheral regions of simple epithelial cells (By similarity). Is a negative regulator of ciliogenesis (By similarity). {ECO:0000250|UniProtKB:Q9BT92}.

Molecular Weight:

60.6 kDa

UniProt:

[Q3TVW5](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	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