

Datasheet for ABIN7563820
MTUS1 Protein (AA 1-1210) (His tag)



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Overview

Quantity:	1 mg
Target:	MTUS1
Protein Characteristics:	AA 1-1210
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTUS1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Mtus1 Protein expressed in mammalien cells.
Sequence:	MNDDNSDRTE DGSRYVFIRD KNSNPSEYYQ TSLSAQCPSV SHGDWNSDNP DAMVVDYEMD PAVDSSSESVS LSHQCVEELA YPEPSSDFMG KHEFTMYSEL TCQSPALVNT GKPQDLHSNC DSLEAIQDEK FDPLKPCECR SDDDYACGDS PEVLELKQTY GMKVDTANYT FIARHDIEQG QPLHAPGGLQ TTVRDRNALS SCGRTPPHSS KMYVRGVNYN RENFENLQAT PSKTLNNTTFT VISDVLMQTD SPDVGVOGQN SLGNVTKEYT DGTRRGLIGE KEIQAVTLVS DGMEVPNGSA SQEFYCVSED DPNSETHSHG PYAQQEMGQN LRGTLPNCHV DGECPLVPA FEKSKTRVLG SECKVTVTED PHIDSHDNDS DIQSSTEELT LRSVSGQRGS PYEMGWGENG GAICTDKAGC MSTPVEQPPN LSFRLPEAEV KKYNNVENGP RDAKRAPNLK GEPTNMPKPN LGKSATKTNT TVGSKVRKTE IISYPTPNFK NIKAKVISRS VLQPKDTSIM KDTPSPQVTG GSSPSPGPSK HLTMMNKAPR SDFKASKKAE IPINKTHKQQ FNKLITSQAA QVTTTHSKNAS LGVPRTTSAT KSNQENVDKT GSPHAGSETG SVAFFQKIK GILPVKMKSS ECLEVTVVSH IDQISPEKGE

Product Details

QDGEAPMEKQ ELGKQATNEI FESKSLVGS APKTSTTPGR SSSKPDSRSL RKTPGLKAKV
GPTAACLRK SESRTLGS DR ALSPQRIRRV SGSGGHAAIN KYEEKPPKQA FQNGSGPLYL
KPLVPRAHSH LLKTSPKGPS RKS LFTAFNS VEKGRQKNPR SLCIQQTQTAP DVLSSERTLE
LAQYKTKCES QSGFILHLRQ LLSRGNTKFE ALTVIQHLL SEREEALKQH KTLSQELVSL
RGELVAASSA CEKLEKARAD LQTAYQEFVQ KLNQQHQ TDR TELENRLKDL YTAECEKLQS
IYIEEAKEYK TQLQE QFDNL NAAHETTKLE IEASHSEKVE LLKKT YETSL SEIKK SHEME
KKSLEDLLNE KQESLEKQIN DLKSENDALN ERLKSEEQKQ LSREKANSKN PQVMYLEQEL
ESLKAVLEIK NEKLHQQDMK LMKMEKLV DN NTALVDK LKR FQGENEELKA RMDKHMAISR
QLSTEQAALQ ESLEKESKVN KRLSMENEEL LWKLHNGDLC SPKRSPTSSA IPFQSPRNSG
SFSSPSISPR **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:

- 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, Western Blot

Grade: custom-made

Target Details

Target: MTUS1

Alternative Name: Mtus1 ([MTUS1 Products](#))

Background: Microtubule-associated tumor suppressor 1 homolog (AT2 receptor-binding protein)

Target Details

(Angiotensin-II type 2 receptor-interacting protein) (Coiled-coiled tumor suppressor gene 1 protein) (Mitochondrial tumor suppressor 1 homolog),FUNCTION: Cooperates with AGTR2 to inhibit ERK2 activation and cell proliferation. May be required for AGTR2 cell surface expression. Together with PTPN6, induces UBE2V2 expression upon angiotensin-II stimulation. {ECO:0000269|PubMed:15123706, ECO:0000269|PubMed:15539617, ECO:0000269|PubMed:17068200}.

Molecular Weight: 134.4 kDa

UniProt: [Q5HZI1](#)

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.

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