

Datasheet for ABIN7563716

CAZIP Protein (AA 1-1353) (His tag)



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Overview

Quantity:	1 mg
Target:	CAZIP (MTUS2)
Protein Characteristics:	AA 1-1353
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAZIP protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Mtus2 Protein expressed in mammalian cells.
Sequence:	MSVPLAPKKS CFGQLRDHRE GAKNNNESIL RTGDTNANQI MLEVSSSCDE AKSRDLDEL GNSNLSRPQY HSHFQKEPLH LQGFGKGSQA GSTSQRESQA SLTVHRQLSE EHAVKRGALQ APQCVQGPSL SSWRNAVGQA SPEASAKKDA EIPRHIPKDK LAKTLDNEEL KRASSCSAAA GSVPPTDLQP VQLDTLGPQD HVPARGEGPQ RTPASHSPGK GFSPGEGTSE GNSVYLPKPS TSEAKGSSPS DTKMEGPHGL DVYNERITHA ELTPSSASAS KENPGLRHPE VCLGQGTGKS KVELKSVQPR NEEGLTSAQA QGPGCHEERS MSPVERQELL EKAYREATSQ GNSSHRQLGV RRGSSLEEMT GVSAGVEGSQ QATPTLSAAP AGEAGTRLTG KMSAGVGRMA RETASGQTAP DVGQAAPVRR DPTEVPSEV SGEERRLGSG NSGSTKLLAS GPSAGGSRTD TSGLLSPRGS NLEARKGKEM VAENRNLLN AAQTDNTPAG VDSAFSTPAP LLHPETTVNS SHHPTPPGSS SQELGVFSGD TGSPSVASPP TDGGQVLNTS PKVPDRTTCS SGIPKPPTHP KDTPSSQEAR EKLETEKMEE RAEAKPILMP KPKHVRPKII TYIRRNQAL SQGDASLVPV GLPYAPPTCG

MPLPQEEKAA SRDLQPSANM YEKLKPDQK PRVFPSGLMV SGIKPPAHHF SQMSEKFLQE
VADHPGKEEF CSPPYTHYEV PPTFYRSAML LKPQLGLGAM SRLPSTKSRI LIASQRSSAS
AIHPPGSLTT AASFYGSFPS DLKKASNSNA AKASLPKSGL RPPGYSRLPA AKLAAFGFVR
SSSISAVPSS QSLDSVQPEQ SRPVTRSTFG NEEQAPLKQA LPSKDTPKGA GRAAPASSN
ATTPRRSLLP APKSTSTPAG AKKELQKDPE AKKPAVSSPK RTASAATKPH SPGYPKQRTS
APRNEFPKP DLQAREAERQ LAQRLRDRCE WQARQLGLAR RELKKAIQGF DALAVSTKHF
FGKSERALAK EKELSIELAN IRDEVAFNTA KCEKLQKEKE TLERRFEEL RRLGWQQQAE
VQELQERLQQ QFQAESARLQ AEHQDQLLRM RCQHQQVED ITASHEAALL EMENNHTVAI
TILQDDHDK VQELMSTHEF EKKELEENFE KLRLTLQDQV DTLTFQSSQL RDRARRFEEA
LRKTTEEQL IALAPYQHLE EDMQSLKQVL EMKNQQIHLQ EKKIELEKL VEKNIILEER
IQVLQQQNE LKARIDQNTV VTRQLSEENA NLQEYVEKET QEKKRLSRTN EELLWKLQTG
DPTSPIKLSP TSPVYRGSSS GPSSPARVST TPR **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:

CAZIP (MTUS2)

Target Details

Alternative Name:	Mtus2 (MTUS2 Products)
Background:	Microtubule-associated tumor suppressor candidate 2 homolog (Cardiac zipper protein) (Microtubule plus-end tracking protein TIP150) (Tracking protein of 150 kDa),FUNCTION: Binds microtubules. Together with MAPRE1 may target the microtubule depolymerase KIF2C to the plus-end of microtubules. May regulate the dynamics of microtubules at their growing distal tip (By similarity). {ECO:0000250}.
Molecular Weight:	147.4 kDa
UniProt:	Q3UHD3

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