

Datasheet for ABIN7557513

MCTP2 Protein (AA 1-878) (His tag)



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Overview

Quantity:	1 mg
Target:	MCTP2
Protein Characteristics:	AA 1-878
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MCTP2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Mctp2 Protein expressed in mammalian cells.
Sequence:	<p>MDLDKPSVWG SLKQRTPL INLSKKKAKK SPSKPLDLRV QHHLDRRLSL SVPDLLEAEA</p> <p>LAPEGRPYSG PQSSYSISVPN SLSTAGIVPK SSSSSSLKQSE EELDWSQEEA SHVHGVDTDS</p> <p>EIYASPAEE WQAFSQSALD LHKPSLGRDA PEEHDKTHGN DDLNASMTSQ HFEESTLGE</p> <p>ASDCVSHLPS PFAYLLTIHL KEGRNLVVRD RCGTSDPYVK FKLNGKTLYK SKVIYKNLNP</p> <p>IWDEIVVLP QSLDQKLRVK VYDRDLTKSD FMGSAFVVL RLELNRTTEH ILKLEDPNSL</p> <p>EDDMGVIVLN LNLVVKQGDF KRHRWSNRKR LSASKSSLIR NLRLSESLRK NQLWNGIISI</p> <p>TLLEGKNVSG GNMTEMFVQL KLGEQRYKSK TLCKSANPQW QEQDFHYFS DRMGILDIEV</p> <p>WGKDSKKHEE RLGTCKVDIS ALPLKQDNCL ELPLESCQGA LLMLITLTPC TGVSISDLCV</p> <p>CPFEDPSERQ QISQRYAFQN SLKDVKDVGI LQVKVLKASD LLAADFSGKS DPFCLLELGN</p> <p>DRLQTHTIYK NLNPEWNVKF TFPIKDIHDV LEVTVFDEDG DKAPDFLGKV AIPLLSIRDG</p> <p>QPNCYVLKNK DLEQAFKGLI YLELDLIYNP VKASIRTFTP REKRFVEDSR KLSKKILSRD</p>

VDRVKRLTLA IWNTVQFFKS CFQWESTLRS TIAFVFLVT VWNFELYMIP LALLLLFLYN
FLRPMKGKAS STQDSQUESTD VEEEGKEEEK ESEKKGIER IYMQDIVST VQNILEEVAS
FGERIKNVFN WTVPFLLSLLA CLILAITTVI LYFIPLRYII LLWGINKFTK KLRNPYSIDN NELLDFLSRV
PSDIQKVQYA ELKLCGSHSP LRKKRSTV **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	MCTP2
Alternative Name:	Mctp2 (MCTP2 Products)
Background:	Multiple C2 and transmembrane domain-containing protein 2,FUNCTION: Might play a role in the development of cardiac outflow tract. {ECO:0000250 UniProtKB:Q6DN12}.
Molecular Weight:	100.2 kDa
UniProt:	Q5RJH2

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
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