

Datasheet for ABIN7564482

MAP1S Protein (AA 1-973) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | MAP1S |
| Protein Characteristics: | AA 1-973 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This MAP1S protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB) |

Product Details

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| Purpose: | Custom-made recombinat Map1s Protein expressed in mammalian cells. |
| Sequence: | <p>MAAVMAAPEA VEAPSSLLLL VVGEGCGCPG LLAYVMEELE RGVRSWEDVD PAVCSLDEQL</p> <p>KAFVSRHSAT FSSIVKGQRS LHRGETLET LVLLNPSDKS LCDELRLNLLM DPAPHKLLVL</p> <p>AGPCLEETGE LLLQTGGFSA HHFLQVLGDK EVQDALASAP AAPALTVSCP TFGDWALLGP</p> <p>VPGLQLRLNP PAQLPASEGL RAFLEYVAES LEPPSPFELL EPPAAGGFLR LARPCCYVFP</p> <p>GGLGDAFFA VNGFTVLVNG GSNPKSSFVK LVRHLDRVDA VLVTHAGADS LPGLNSLLRR</p> <p>KLAEREAAG PQGQHEERLR RLLSPALGVV FLNAREAASR LRGGEDEAVC ARSLRLSLGI</p> <p>APLPLQRGPQ PSCPTVLFK LGVGRLELFV LHPPPGDPAA PACALLVWQP AAPGDKVVRV</p> <p>LFPGRTPPAR LLDGLQLRQH LPCLRRPVVT THDLEAPSRA NSQDSLASRD SARKEPVRGT</p> <p>VGSIANRSTV RREPALTRD QKKDTRSGPT QPTARDTRRS GPGVVNTKPR VSQNGPRAPV</p> <p>LAAPLTAPVA ECPGEAENIL ESERPPAPSP TLSPAQSPPP TAPGNSPERL SLSPLRPEPA</p> <p>PDASPSATTP TLTPSLPAE LGSPHSTEVD ESLSVSFEQV LPAGDPGLSL PLRLARRSTS</p> |

Product Details

PHDVDLCLVS PCEFSHRKPP PPASPGSSDS SARSQERPPE TPPTSVSESL PTLSDSDPVP
VADSDDDAGS ESAARDPPPT PRVPPPLPDV PGICMVDPEA LPPRARQPLN TTNPSRSRKA
PARPSSASAT PRAATVAAKT KGPAGDRNRP LSARSEPADR PGRVPLTRKP SVPKTVPKMA
SATRLSSGPS GRPAPLAAGS PVYLDLAYLP GGGAGHLDQN FFLRVRLCY VISGQGQRQE
EGLRAVLDA LAGKRQWDLD LQVTLIPTFD SAVMHRWYEE THAQHQALGI RVLGSGSLVS
MQDEAFPACK VEF **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:

MAP1S

Alternative Name:

Map1s ([MAP1S Products](#))

Background:

Microtubule-associated protein 1S (MAP-1S) (BPY2-interacting protein 1) (Microtubule-associated protein 8) [Cleaved into: MAP1S heavy chain, MAP1S light chain],FUNCTION: Microtubule-associated protein that mediates aggregation of mitochondria resulting in cell death and genomic destruction (MAGD). Plays a role in anchoring the microtubule organizing center to the centrosomes. Binds to DNA. Plays a role in apoptosis (By similarity). Involved in

Target Details

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| | the formation of microtubule bundles. {ECO:0000250, ECO:0000269 PubMed:15528209}. |
| Molecular Weight: | 102.9 kDa |
| UniProt: | Q8C052 |

Application Details

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| 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

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| 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 |