

Datasheet for ABIN7560256
MTA3 Protein (AA 1-591) (His tag)



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Overview

Quantity:	1 mg
Target:	MTA3
Protein Characteristics:	AA 1-591
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTA3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Mta3 Protein expressed in mammalian cells.
Sequence:	MAANMYRVGD YVYFENSSSN PYLIRRIEEL NKTASGNVEA KVVCFYRRRD ISNTLIMLAD KHAKETEEES ETPVEADLTE KQKHLKHRE LFLSRQYESL PATHIRGKCS VALLNETESV LSYLDKEDTF FYSLVYDPSV KTL LADKGEI RVGPKYQADI PDMLPEDSDE REQSKLEVKV WDPNSPLTDR QIDQFLVVAR AVGT FARALD C S S S V R Q P S L H M S A A A A S R D I T L F H A M D T L Y R H G Y D L S S A I S V L V P L G G P V L C R D E M E E W S A S E A C L F E E A L E K Y G K D F N D I R Q D F L P W K S L T S I I E Y Y Y M W K T T D R Y V Q Q K R L K A A E A E S K L K Q V Y I P T Y K P N P N Q I S S S N G K A G T V N G A V G T Q F Q P Q S A L L G R A C E S C Y A T Q S H Q W Y S W G P P N M Q C R L C A T C W L Y W K K Y G G L K M P T Q S D E E K S P S P T A E D P R A R S H M S R Q A L Q G M P V R N T G S P K S A V K T R Q A F F L R T T Y F T K I A R Q V C K S T L R L R Q A A R R P F V A I N Y A A I R A E Y A D R H A E L S G S P L K S R S T R K P L S C I I G Y L E I H P A K K P N V I R S P P S L Q T P A T K R M L A A P N H T S L S I L G K R N Y S H H N G L D G P E R W L S R 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

Product Details

special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different 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: MTA3

Alternative Name: Mta3 ([MTA3 Products](#))

Background: Metastasis-associated protein MTA3,FUNCTION: Acts as a component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin. Plays a role in maintenance of the normal epithelial architecture through the repression of SNAI1 transcription in a histone deacetylase-dependent manner, and thus the regulation of E-cadherin levels. Contributes to transcriptional repression by BCL6. {ECO:0000250|UniProtKB:Q9BTC8}.

Molecular Weight: 67.1 kDa

UniProt: [Q924K8](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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