

Product datasheet

Human MTX1 (MTX) knockout HEK-293T cell lysate ab263266

1 Image

Overview

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|-----------------------------|--|
| Product name | Human MTX1 (MTX) knockout HEK-293T cell lysate |
| Product overview | Knockout cell lysate achieved by CRISPR/Cas9. |
| Parental Cell Line | HEK293T |
| Organism | Human |
| Mutation description | Knockout achieved by using CRISPR/Cas9, Homozygous: 2 bp deletion in exon 1. |
| Passage number | <20 |
| Knockout validation | Sanger Sequencing |
| Reconstitution notes | To use as WB control, resuspend the lyophilizate in 50 µL of LDS* Sample Buffer to have a final concentration of 2 mg/ml. For reducing conditions, we recommend a final concentration of 0.1 M DTT. <i>*Usage of SDS sample buffer is not recommended with these lyophilized lysates.</i> |

Notes

Lysate preparation: Our lysates are made using RIPA buffer to which we add a protease inhibitor cocktail and phosphatase inhibitor cocktail (ratio: 300:100:10). *This means that the protein of interest is denatured.* If you require a native form of the protein please use the live cell version - found [here](#). Please refer to our lysis protocol for further details on how our lysates are prepared.

User storage instructions: Lyophilizate may be stored at 4°C. After reconstitution, store at -20°C for short-term storage or -80°C for long-term storage.

Access thousands of knockout cell lysates, generated from commonly used cancer cell lines.

[See here for more information on knockout cell lysates.](#)

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Properties

Storage instructions Store at -80°C. Please refer to protocols.

| Components | 1 kit |
|--|-----------|
| ab261569 - Human MTX1 knockout HEK293T cell lysate | 1 x 100µg |
| ab255553 - Human wild-type HEK293T cell lysate | 1 x 100µg |

Cell type epithelial

STR Analysis Amelogenin X D5S818: 8, 9 D13S317: 12, 14 D7S820: 11 D16S539: 9, 13 vWA: 16, 19 TH01: 7, 9.3 TPOX: 11 CSF1PO: 11, 12

Target

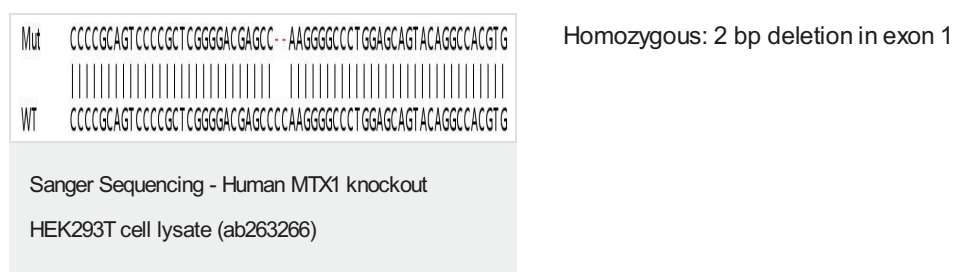
Function Involved in transport of proteins into the mitochondrion. Essential for embryonic development.

Sequence similarities Belongs to the metaxin family.

Post-translational modifications Ubiquitinated by PARK2 during mitophagy, leading to its degradation and enhancement of mitophagy. Deubiquitinated by USP30.

Cellular localization Membrane. Mitochondrion outer membrane.

Images



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