

# HeLa Flp-In SLC7A5

**Catalogue number:** 160839

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Matthias Hentze

**Institute:** European Molecular Biology Laboratory (EMBL)

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** HeLa Flp-In SLC7A5

**Alternate name:**

**Class:**

**Conjugate:**

**Description:** To identify genes whose expression is controlled by YBX3

**Purpose:**

**Parental cell:** HeLa FLP-IN T-REx

**Organism:**

**Tissue:**

**Model:** Knock-Out

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:** Adherent HeLa cells were grown at 37°C and 5% CO<sub>2</sub> in DMEM, supplemented with 10% FBS Gold (PAA), 1% Penicillin/Streptomycin (Sigma) and 1% L-glutamine (GIBCO). Cells were grown until 70-80% confluent, trypsinized, counted (Biorad TC20) and 200,000 cells were seeded per well in a 6-well dish for reverse transfection of siRNAs following the manufacturer's recommendations (Lipofectamine RNAiMax, Invitrogen, cat# 137780755). YBX3 and control siRNAs were obtained from...

**Formulation:**

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**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** YBX3

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:** YBX3

**Application notes:**

## Handling

**Format:** Frozen

**Concentration:**

**Passage number:**

**Growth medium:** Adherent HeLa cells were grown at 37°C and 5% CO<sub>2</sub> in DMEM, supplemented with 10% FBS Gold (PAA), 1% Penicillin/Streptomycin (Sigma) and 1% L-glutamine (GIBCO) Grown in medium containing blasticidine (5mg/ml) Cells were grown until 70%~80% confluent, trypsinized, counted (Biorad TC20) and 200,000 cells were seeded per well in a 6-well dish for reverse transfection of siRNAs following the manufacturer's recommendations (Lipofectamine RNAiMax, Invitrogen, cat# 137780755). YBX3 and con...

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:**

## Related tools

**Related tools:** HeLa Flp-In YBX3: GFP ; HeLa Flp-In SLC7A5+SLC7A5 3' UTR ; HeLa

Flp-In SLC25A6 ; HeLa Flp-In SLC25A6+SLC7A5 3' UTR

## References

**References:** The RNA-Binding Protein YBX3 Controls Amino Acid Levels by Regulating SLC mRNA Abundance

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