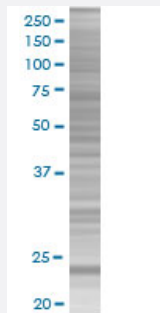


SRY 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006736-T01

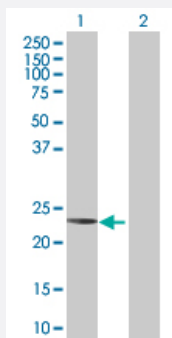
Size 100 uL

Applications



SDS-PAGE Gel

SRY transfected lysate.



Western Blot

Lane 1: SRY transfected lysate (22.55 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-SRY full-length

Host Human

Theoretical MW (kDa) 22.55

Quality Control Testing Transient overexpression cell lysate was tested with Anti-SRY antibody ([H00006736-B01](#)) by Western Blots.
 SDS-PAGE Gel
 SRY transfected lysate.
 Western Blot
 Lane 1: SRY transfected lysate (22.55 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — SRY

Entrez GeneID[6736](#)**GeneBank Accession#**[NM_003140.1](#)**Protein Accession#**[P1](#)**Gene Name**

SRY

Gene Alias

TDF, TDY

Gene Description

sex determining region Y

Omim ID[480000](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This intronless gene encodes a transcription factor that is a member of the high mobility group (HMG)-box family of DNA-binding proteins. This protein is the testis-determining factor (TDF), which initiates male sex determination. Mutations in this gene give rise to XY females with gonadal dysgenesis (Swyer syndrome); translocation of part of the Y chromosome containing this gene to the X chromosome causes XX male syndrome. [provided by RefSeq]

Other Designations

OTTHUMP00000034324|essential protein for sex determination in human males|sex determining region protein|sex-determining region on Y|testis-determining factor

Disease

- [Hypospadias](#)
- [Sex determination](#)