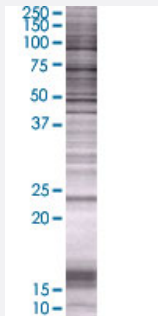


TWIST1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007291-T01

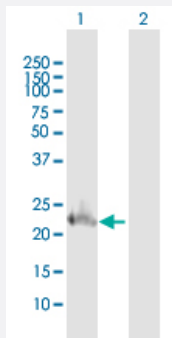
Size 100 uL

Applications



SDS-PAGE Gel

TWIST1 transfected lysate.



Western Blot

Lane 1: TWIST1 transfected lysate (22.33 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-TWIST1 full-length
Host	Human
Theoretical MW (kDa)	22.33
Interspecies Antigen Sequence	Mouse (93); Rat (96)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-TWIST1 antibody ([H00007291-B01](#)) by Western Blots.
 SDS-PAGE Gel
 TWIST1 transfected lysate.
 Western Blot
 Lane 1: TWIST1 transfected lysate (22.33 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 — TWIST1

Entrez GeneID

[7291](#)

GeneBank Accession#

[NM_000474.3](#)

Protein Accession#

[NP_000465.1](#)

Gene Name

TWIST1

Gene Alias

ACS3, BPES2, BPES3, SCS, TWIST, bHLHa38

Gene Description

twist homolog 1 (Drosophila)

Omim ID

[101400 601622](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Basic helix-loop-helix (bHLH) transcription factors have been implicated in cell lineage determination and differentiation. The protein encoded by this gene is a bHLH transcription factor and share similarity with another bHLH transcription factor, Dermo1. The strongest expression of this mRNA is in placental tissue; in adults, mesodermally derived tissues express this mRNA preferentially. Mutations in this gene have been found in patients with Saethre-Chotzen syndrome. [provided by RefSeq]

Other Designations

B-HLH DNA binding protein|H-twist|TWIST homolog of drosophila|twist

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Chromosome Aberrations](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Craniosynostoses](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)