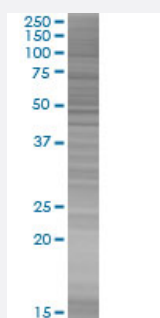


MYST1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00084148-T01

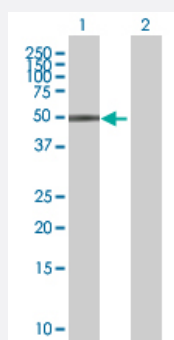
Size 100 uL

Applications



SDS-PAGE Gel

MYST1 transfected lysate.



Western Blot

Lane 1: MYST1 transfected lysate (53.1 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MYST1 full-length
Host	Human
Theoretical MW (kDa)	53.1
Interspecies Antigen Sequence	Mouse (98); Rat (97)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MYST1 antibody ([H00084148-B01](#)) by Western Blots.
 SDS-PAGE Gel
 MYST1 transfected lysate.
 Western Blot
 Lane 1: MYST1 transfected lysate (53.1 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 — MYST1

Entrez GeneID

[84148](#)

GeneBank Accession#

[BC037773.1](#)

Protein Accession#

-

Gene Name

MYST1

Gene Alias

FLJ14040, KAT8, MOF, hMOF

Gene Description

MYST histone acetyltransferase 1

Omim ID

[609912](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The MYST family of histone acetyltransferases, which includes MYST1, is named for the founding members MOZ (MYST3; MIM 601408), yeast YBF2 and SAS2, and TIP60 (HTATIP; MIM 601409). All members of this family contain a MYST region of about 240 amino acids with a canonical acetyl-CoA-binding site and a C2HC-type zinc finger motif. Most MYST proteins also have a chromodomain involved in protein-protein interactions and targeting transcriptional regulators to chromatin (Neal et al., 2000 [PubMed 10786633]).[supplied by OMIM]

Other Designations

histone acetyltransferase MYST1|ortholog of Drosophila males absent on the first (MOF)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)