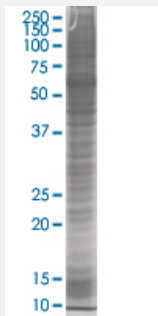


HOP 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00084525-T01

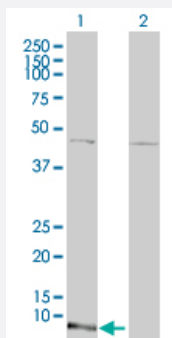
Size 100 uL

Applications



SDS-PAGE Gel

HOP transfected lysate



Western Blot

Lane 1: HOP transfected lysate (8.14 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-HOP full-length
Host	Human
Theoretical MW (kDa)	8.14
Interspecies Antigen Sequence	Mouse (90); Rat (90)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-HOP antibody ([H00084525-B01](#)) by Western Blots.
 SDS-PAGE Gel
 HOP transfected lysate
 Western Blot
 Lane 1: HOP transfected lysate (8.14 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 — HOPX

Entrez GeneID

[84525](#)

GeneBank Accession#

[BC014225](#)

Protein Accession#

[AAH14225](#)

Gene Name

HOPX

Gene Alias

Cameo, HOP, LAGY, MGC20820, NECC1, OB1, SMAP31, Toto

Gene Description

HOP homeobox

Omim ID

[607275](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a homeodomain protein that lacks certain conserved residues required for DNA binding. It was reported that choriocarcinoma cell lines and tissues failed to express this gene, which suggested the possible involvement of this gene in malignant conversion of placental trophoblasts. Studies in mice suggest that this protein may interact with serum response factor (SRF) and modulate SRF-dependent cardiac-specific gene expression and cardiac development. Multiple alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000158970|heart odd homeobox 1 protein|homeodomain-only protein|lung cancer-associated Y protein|not expressed in choriocarcinoma clone 1