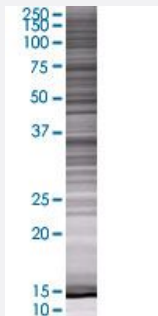


MOS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004342-T01

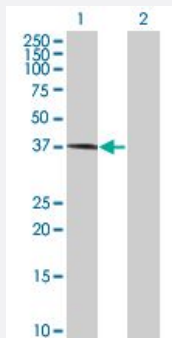
Size 100 uL

Applications



SDS-PAGE Gel

MOS transfected lysate.



Western Blot

Lane 1: MOS transfected lysate (38.17 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MOS full-length
Host	Human
Theoretical MW (kDa)	38.17
Interspecies Antigen Sequence	Mouse (73); Rat (72)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MOS antibody ([H00004342-B01](#)) by Western Blots.
SDS-PAGE Gel
MOS transfected lysate.
Western Blot
Lane 1: MOS transfected lysate (38.17 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 — MOS

Entrez GeneID[4342](#)**GeneBank Accession#**[NM_005372.1](#)**Protein Accession#**[NP_005363.1](#)**Gene Name**

MOS

Gene Alias

MGC119962, MGC119963, MSV

Gene Description

v-mos Moloney murine sarcoma viral oncogene homolog

Omim ID[190060](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

MOS is a serine/threonine kinase that activates the MAP kinase cascade through direct phosphorylation of the MAP kinase activator MEK (MAP2K1; MIM 176872) (Prasad et al., 2008 [PubMed 18246541]).[supplied by OMIM]

Other Designations

Oncogene MOS, Moloney murine sarcoma virus

Pathway

- [MAPK signaling pathway](#)

- [Regulation of actin cytoskeleton](#)

Disease

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)