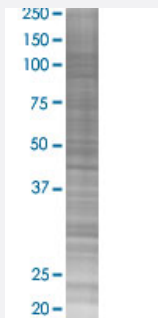


MAP7 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009053-T02

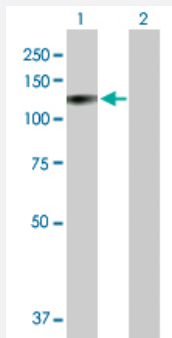
Size 100 uL

Applications



SDS-PAGE Gel

MAP7 transfected lysate.



Western Blot

Lane 1: MAP7 transfected lysate (84.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MAP7 full-length
Host	Human
Theoretical MW (kDa)	84.1
Interspecies Antigen Sequence	Mouse (77); Rat (76)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MAP7 antibody ([H00009053-B01](#)) by Western Blots.
SDS-PAGE Gel
MAP7 transfected lysate.
Western Blot
Lane 1: MAP7 transfected lysate (84.10 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 — MAP7

Entrez GeneID[9053](#)**GeneBank Accession#**[NM_003980.3](#)**Protein Accession#**[NP_003971.1](#)**Gene Name**

MAP7

Gene Alias

E-MAP-115, EMAP115

Gene Description

microtubule-associated protein 7

Omim ID[604108](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The product of this gene is a microtubule-associated protein that is predominantly expressed in cells of epithelial origin. Microtubule-associated proteins are thought to be involved in microtubule dynamics, which is essential for cell polarization and differentiation. This protein has been shown to be able to stabilize microtubules, and may serve to modulate microtubule functions. Studies of the related mouse protein also suggested an essential role in microtubule function required for spermatogenesis. [provided by RefSeq]

Other Designations

OTTHUMP00000017274|dJ325F22.2 (microtubule-associated protein 7 (EMAP115, E-MAP-115))

Disease

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