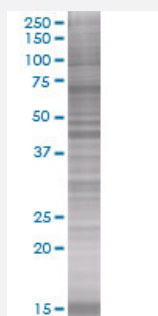


MVD 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004597-T01

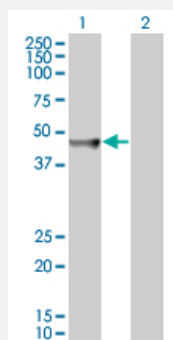
Size 100 uL

Applications



SDS-PAGE Gel

MVD transfected lysate



Western Blot

Lane 1: MVD transfected lysate (44 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-MVD full-length

Host Human

Theoretical MW (kDa) 44

Quality Control Testing Transient overexpression cell lysate was tested with Anti-MVD antibody ([H00004597-B01](#)) by Western Blots.
 SDS-PAGE Gel
 MVD transfected lysate
 Western Blot
 Lane 1: MVD transfected lysate (44 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 — MVD

Entrez GeneID	4597
GeneBank Accession#	BC000011
Protein Accession#	AAH00011
Gene Name	MVD
Gene Alias	FP17780, MPD
Gene Description	mevalonate (diphospho) decarboxylase
Omim ID	603236
Gene Ontology	Hyperlink
Gene Summary	The enzyme mevalonate pyrophosphate decarboxylase catalyzes the conversion of mevalonate pyrophosphate into isopentenyl pyrophosphate in one of the early steps in cholesterol biosynthesis. It decarboxylates and dehydrates its substrate while hydrolyzing ATP. [provided by RefSeq]
Other Designations	diphosphomevalonate decarboxylase mevalonate pyrophosphate decarboxylase

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Metabolic pathways](#)
- [Terpenoid backbone biosynthesis](#)

Disease

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