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- Diagnostik & molekulare Diagnostik
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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MECP2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00004204-T01 **規格 :** [100 uL]

List All

Specification

Transfected Cell Line: 293T

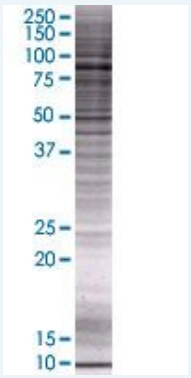
Plasmid: pCMV-MECP2 full-length

Host: Human

Theoretical MW (kDa): 53.57

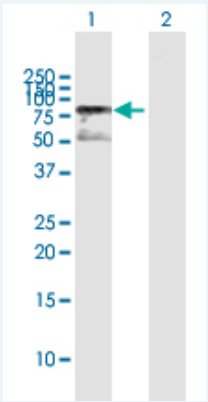
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-MECP2 antibody (H00004204-B01) by Western Blots.

SDS-PAGE Gel



MECP2 transfected lysate.

Western Blot



Lane 1: MECP2 transfected lysate (53.57 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.

MSDS: Download

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID:	4204
GeneBank Accession#:	NM_004992.2
Protein Accession#:	NP_004983.1
Gene Name:	MECP2
Gene Alias:	AUTSX3,DKFZp686A24160,MRX16,MRX79,MRXS13,MRXSL,PPMX,RTS,RTT
Gene Description:	methyl CpG binding protein 2 (Rett syndrome)
Omim ID:	105830, 300005, 300055, 300260, 300496, 300673, 312750
Gene Ontology:	Hyperlink
Gene Summary:	DNA methylation is the major modification of eukaryotic genomes and plays an essential role in mammalian development. Human proteins MECP2, MBD1, MBD2, MBD3, and MBD4 comprise a family of nuclear proteins related by the presence in each of a methyl-CpG binding domain (MBD). Each of these proteins, with the exception of MBD3, is capable of binding specifically to methylated DNA. MECP2, MBD1 and MBD2 can also repress transcription from methylated gene promoters. In contrast to other MBD family members, MECP2 is X-linked and subject to X inactivation. MECP2 is dispensible in stem cells, but is essential for embryonic development. MECP2 gene mutations are the cause of most cases of Rett syndrome, a progressive neurologic developmental disorder and one of the most common causes of mental retardation in females. [provided by RefSeq
Other Designations:	OTTHUMP00000026021,methyl CpG binding protein 2

Related Disease

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Attention Deficit Disorder with Hyperactivity Autistic Disorder Brain Diseases
Cardiovascular Diseases Child Development Disorders, Pervasive
Chromosome Aberrations Cognition Disorders Developmental Disabilities
Diabetes Mellitus, Type 2 Disease Progression Edema Epilepsy Epilepsy Fractures, Bone
Fragile X Syndrome Fragile X syndrome

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