

# Recombinant Human MECP2

Catalog No: #GP11744



Package Size: #GP11744-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human MECP2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 162 amino acids of human methyl CpG binding protein 2
Target Name	methyl CpG binding protein 2
Other Names	RS; RTS; RTT; PPMX; MRX16; MRX79; MRXSL; AUTSX3; MRXS13
Accession No.	Swissprot:P51608Gene Accession:BC011612
Uniprot	P51608
GeneID	4204;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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 dispensable in stem cells, but is essential for embryonic development.?

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only