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Datasheet for ABIN7505031

**MECP2 Protein (AA 1-177) (His tag)**

## Overview

Quantity:	100 µg
Target:	MECP2
Protein Characteristics:	AA 1-177
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MECP2 protein is labelled with His tag.

## Product Details

Sequence:	Met1-Lys177
Characteristics:	A DNA sequence encoding the Human MeCP2 protein (P51608) (Met1-Lys177) was expressed with a N-His .
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	MECP2
Alternative Name:	MeCP2 ( <a href="#">MECP2 Products</a> )
Background:	Background: Chromosomal protein that binds to methylated DNA. It can bind specifically to a single methyl-CpG pair. It is not influenced by sequences flanking the methyl-CpGs. Mediates transcriptional repression through interaction with histone deacetylase and the corepressor SIN3A. Binds both 5-methylcytosine (5mC) and 5-hydroxymethylcytosine (5hmC)-containing

### Target Details

	DNA, with a preference for 5-methylcytosine (5mC). Synonym: MeCp-2 protein
Molecular Weight:	19 kDa
UniProt:	<a href="#">P51608</a>
Pathways:	<a href="#">Inositol Metabolic Process</a> , <a href="#">Chromatin Binding</a> , <a href="#">Synaptic Membrane</a>

### Application Details

Restrictions:	For Research Use only
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### Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months