Recombinant Human MBD4 lysate

Cat. No. MBD4-403HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
Species	Human
Source	HEK293
Molecular Mass	68701.72Da
Recommended Usage	WB
Storage Instruction	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

GENE INFORMATION

Gene Name	MBD4 methyl-CpG binding domain protein 4 [Homo sapiens]
Official Symbol	MBD4
Synonyms	MBD4; methyl-CpG binding domain protein 4; methyl-CpG-binding domain protein 4; MED1; G/T mismatch glycosylase; G/U mismatch glycosylase; methyl-CpG-binding protein MBD4; 3,N(4)-ethenocytosine glycosylase; methyl-CpG-binding endonuclease 1; mismatch-specific DNA N-glycosylase; putative methyl-CpG binding protein; G/5-fluorouracil mismatch glycosylase with biphasic kinetics;

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Gene ID	8930
mRNA Refseq	NM_003925
Protein Refseq	NP_003916
MIM	603574
UniProt ID	O95243
Chromosome Location	3q21.3
Pathway	Base Excision Repair, organism-specific biosystem; Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem; Base-Excision Repair, AP Site Formation, organism-specific biosystem; Base-free sugar-phosphate removal via the single-nucleotide replacement pathway, organism-specific biosystem; Cleavage of the damaged pyrimidine, organism-specific biosystem; DNA Repair, organism-specific biosystem;
Function	DNA binding; catalytic activity; endodeoxyribonuclease activity; hydrolase activity; protein binding; satellite DNA binding;

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