

Recombinant Human MBD2 protein(143-411aa), His-KSI-tagged

Cat. No. MBD2-4938H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MBD2 protein(Q9UBB5)(143-411aa), fused with N-terminal His and KSI tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	143-411aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	45.2 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

ATESGKRMDCPALPPGWKKEEVIRKSGLSAGKSDVYYFSPSGKKFRSKPQLARYLG
 NTVDLSSFDRTGKMMPSKLQKNKQRLRNDPLNQNKGPDLNTTLPIRQTASIFKQP
 VTKVTNHPSNKVKSDPQRMNEQPRQLFWEKRLQGLSASDVTEQIIKTMELPKGLQG
 VGPGSNDETLLSAVASALHTSSAPITGQVSAAVEKNPAVWLNTSQPLCKAFIVTDEDI
 RKQEERVQQVRKKLEEALMADILSRAADTEEMDIEMDSGDEA

GENE INFORMATION

Gene Name [MBD2 methyl-CpG binding domain protein 2 \[Homo sapiens \]](#)

Official Symbol [MBD2](#)

Synonyms MBD2; methyl-CpG binding domain protein 2; methyl-CpG-binding domain protein 2; demethylase; DMTase; NY-CO-41; DKFZp586O0821;

Gene ID [8932](#)

mRNA Refseq [NM_003927](#)

Protein Refseq [NP_003918](#)

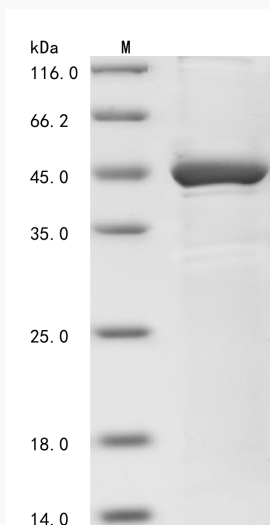
MIM [603547](#)

UniProt ID [Q9UBB5](#)

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SDS-PAGE

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