

Recombinant Human MECP2 protein, His-tagged

Cat. No. MECP2-3721H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MECP2 protein(1-218 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-218 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MVAGMLGLREEKSEDQDLQGLKDKPLKFKKVKKDKKEEKEGKHEPVQPSAHHSAE PAEAGKAETSEGSGSAPAVPEASAPKQRRSIIRDRGPMYDDPTLPEGWTRKLKQR KSGRSAGKYDVYLINPQGKAFRSKVELIAYFEKVGDTSLDPNDFDFTVTGRGSPSRR EQKPPKKPKSPKAPGTGRGRGRPKGSGTTRPKAATSEGVQVKRVLEKSPG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	MECP2 methyl CpG binding protein 2 (Rett syndrome) [Homo sapiens]
Official Symbol	MECP2
Synonyms	MECP2; methyl CpG binding protein 2 (Rett syndrome); mental retardation, X linked 16 , mental retardation, X linked 79 , MRX16, MRX79, RTT; methyl-CpG-binding protein 2; meCp-2 protein; RS; RTS; RTT; PPMX; MRX16; MRX79; MRXSL; AUTSX3; MRXS13; DKFZp686A24160;
Gene ID	4204
mRNA Refseq	NM_001110792
Protein Refseq	NP_001104262
MIM	300005
UniProt ID	P51608

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