

Recombinant Human MBD1 protein, His-tagged

Cat. No. MBD1-6755H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MBD1 protein(393-605 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	393-605 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	SEDGAGSPPPYRRRKRPSSARRHHLGPTLKPTLATRTAQP DHTQAPTKQEAGGGF VLPPPGTDLVFLREGASSPVQVPGPVAASTEALLQEAQC SGLSWVVALPQVKQEKA DTQDEWTPGTAVLTSPVLVPGCPSKAVDPGLPSVKQEPPDPEEDKEENKDD SASKL APEEEAGGAGTPVITEIFSLGGTRFRD TAVWLPRSKDLKKPGARKQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

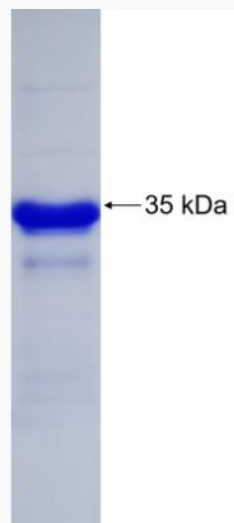
Gene Name	MBD1 methyl-CpG binding domain protein 1 [Homo sapiens]
Official Symbol	MBD1
Synonyms	MBD1; methyl-CpG binding domain protein 1; methyl-CpG-binding domain protein 1; CXXC3; PCM1; CXXC-type zinc finger protein 3; protein containing methyl-CpG-binding domain 1; methyl-CpG binding domain protein 1 isoform PCM1; the regulator of fibroblast growth factor 2 (FGF-2) transcription; RFT;
Gene ID	4152
mRNA Refseq	NM_001204136
Protein Refseq	NP_001191065
MIM	156535
UniProt ID	Q9UIS9

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA