

Product datasheet

Recombinant Human MBD4 protein ab126003

Overview

Product name	Recombinant Human MBD4 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession	O95243
Species	Human
Molecular weight	26 kDa
Amino acids	68 to 300

Specifications

Our [Abpromise guarantee](#) covers the use of **ab126003** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Lyophilised

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
Reconstitution	Reconstitute with water to desired concentration.

General Info

Function	Mismatch-specific DNA N-glycosylase involved in DNA repair. Has thymine glycosylase activity and is specific for G:T mismatches within methylated and unmethylated CpG sites. Can also remove uracil or 5-fluorouracil in G:U mismatches. Has no lyase activity. Was first identified as
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methyl-CpG-binding protein.

Sequence similarities

Contains 1 MBD (methyl-CpG-binding) domain.

Cellular localization

Nucleus.

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