

## MBD2 Protein, Human, Recombinant (hFc)

## General Information

Synonyms:	Demethylase (DMTase);MBD2;Methyl-CpG-binding domain protein 2;Methyl-CpG-binding protein MBD2
Protein Construction:	145-411 aa
Species:	Human
Expression Host:	P. pastoris (Yeast)
Accession:	Q9UBB5
Molecular Weight:	56.3 kDa (Predicted)
AA Sequence:	ESGKRMDPCALPPGWKKEEVIRKSGLSAGKSDVYYFSPSGKKFRSKPQLARYLGNTVDLSSFDRTGKMMPS KLQKNKQRLRNDPLNQKGPDLNNTLPIRQTASIFKQPVTKVTNHPSNKVKSDPQRMNEQPRQLFWEKRL QGLSASDVTEQIIKTMELPKGLQGVGPGSNDETLLSAVASALHTSSAPITGQVSAAVEKNPAVWLNTSQPLCK AFIVTDEDIRKQEERVQQRKLEELMADILSRAADTEEMDIEMDSGDEA

## QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 85% as determined by SDS-PAGE.
Endotoxin:	Not tested.
Formulation:	Lyophilized from PBS, 6% Trehalose, pH 7.4

## Preparation and Storage

## Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

## Stability &amp; Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 244 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

## Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481