

Recombinant Human Methyl-CpG-Binding Protein 2/MECP2 Protein(C-6His)

Cat.NO.: TP06141

3th Edition

Synonyms:Methyl-CpG-binding protein 2;MECP2;MeCp-2 protein

Description:The MeCP2 helps regulate gene activity (expression) by modifying chromatin, the complex of DNA and protein that packages DNA into chromosomes. The MeCP2 protein is present in cells throughout the body, although it is particularly abundant in brain cells.In the brain, the MeCP2 protein likely plays a role in maintaining connections (synapses) between neurons, where cell-to-cell communication occurs. The alternative splicing of proteins is critical for normal communication between neurons and may also be necessary for the function of other types of brain cells.

Form:PBS

Molecular Weight:53.5 kDa

Sequences:Met 1-Ser486

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.