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Datasheet for ABIN1473780

MECP2 Protein (AA 1-492) (His tag)

Overview

Quantity:	1 mg
Target:	MECP2
Protein Characteristics:	AA 1-492
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MECP2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MVAGMLGLRK EKSEDQDLQG LKEKPLKFKK VKKDKKEDKE GKHEPLQPSA HHSAPAEAG</p> <p>KAETSESSGS APAVPEASAS PKQRRSIIRD RGPYDDPTL PEGWTRKLKQ RKSGRSAGKY</p> <p>DVYLINPQ GK AFRSKVELIA YFEKVGDTSL DPNDFTVT GRGSPSRREQ KPPKKPKSPK</p> <p>APGTGRGRGR PKGSGTGRPK AAASEGVQVK RVLEKSPGKL LVKMPFQASP GGKGEGGGAT</p> <p>TSAQVMVIKR PGRKRKAEAD PQAIPKKRGR KPGSVVAAAA AEAKKKAVKE SSIRSVQETV</p> <p>LPIKKRKTRE TVSIEVKEVV KPLLSTLGE KSGKGLKTCK SPGRKSKESS PKGRSSSASS</p> <p>PPKKEHHHHH HHAESPKAPM PLLPPPPPE PQSSEDPISP PEPQDLSSSI CKEEKMPRAG</p> <p>SLESDGCPKE PAKTQPMVAA AATTTTTTTT TVAKEYKHRG EGERKDIVSS SMPRPNREEP</p> <p>VDSRTPVTER VS</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: MECP2

Alternative Name: Methyl-CpG-Binding Protein 2 (Mecp2) ([MECP2 Products](#))

Background: Recommended name: Methyl-CpG-binding protein 2.
Short name= MeCp-2 protein.
Short name= MeCp2

UniProt: [Q00566](#)

Pathways: [Inositol Metabolic Process](#), [Chromatin Binding](#), [Synaptic Membrane](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.