

MRGBP, 1-204aa, Human, His tag, E.coli

Cat.NO.: TP03018

3th Edition

Synonyms:MRG-binding protein, MRG15BP, URCC4, C20orf20.

Description:MRG-binding protein, also known as MRGBP, is a 204 amino acid protein which is a part of the NuA4 histone acetyltransferase (HAT) complex that acts to acetylate histone H2A and H4. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 0.2M NaCl

Molecular Weight:24.5 kDa (224aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGEAEVGGGGAAGDKGPGEAATSPAETVVVWSPEVEVCLFHAMLGHKPVGVN
RHFHMICIRDKFSQNIGRQVPSKVIWDHLSTMYDMQALHESEILPFPNPERNFVLPEEIIQEVREGKVMIEEEMKEEM
KEDVDPHNGADDVFSSGSLGKASEKSSKDKKNSDLGCKEGADKRKRSRVTDKVLANSNPSSPSAAKRRRT

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

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.