

Recombinant human MRGBP protein

Catalog Number: ATGP1315

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-204aa

UniProt No.

Q9NV56

NCBI Accession No.

NP_060740

Alternative Names

MRG-binding protein, MRG15BP, uRCC4, C20orf20

PRODUCT SPECIFICATION

Molecular Weight

24.5 kDa (224aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. MRGBP has potential to interact with MORF4L1/MRG15 and MORF4L2/MRGX. Recombinant human MRGBP protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional

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chromatography techniques.

Amino acid Sequence

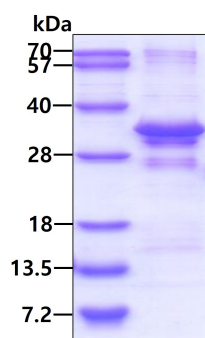
<MGSSHHHHHH SSGLVPRGSH> MGEAEVGGGG AAGDKGPGEA ATSPAETTV WSPEVEVCLF HAMLGHKPVG
VNRHFHMICI RDKFSQNIGR QVPSKVIWDH LSTMYDMQAL HESEILPFPN PERNFVLPEE IIQEVREGKV MIEEEMKEEM
KEDVDPHNGA DDVFSSSGSL GKASEKSSKD KEKNSSDLGC KEGADKRKRS RVTDKVLTAN SNPSSPSAAK RRRT

General References

Doyon Y., et al. (2004) Mol Cell Biol. 24:1884-1896.
Squatrito M., et al. (2006) Trends Cell Biol. 16:433-442.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.