

Recombinant Human Chromosome 20 Open Reading Frame 20, His-tagged

Cat. No. C20orf20-1315H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human C20orf20 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	C20orf20 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.
Form	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 20% glycerol, 0.2 M NaCl.
Molecular Weight	24.5 kDa (224 aa) confirmed by MALDI-TOF
Purity	> 85% by SDS-PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)

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Sequences of amino acids

MGSSHHHHHH SSGLVPRGSH MGEAEVGGGG AAGDKGPGEA ATSPAETTVV
 WSPEVEVCLF HAMLGHKPVG VNRHFHMICI RDKFSQNIGR QVPSKVIWDH
 LSTMYDMQAL HESEILPPFN PERNFVLPEE IIQEVREGKV MIEEEMKEEM
 KEDVDPHNGA DDVFSSSGSL GKASEKSSKD KEKNSSDLGC KEGADKRKRS
 RVTDKVLTAN SNPSSPSAAK RRRT

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.

GENE INFORMATION

Gene Name C20orf20 chromosome 20 open reading frame 20 [Homo sapiens]

Official Symbol C20orf20

Synonyms C20orf20; chromosome 20 open reading frame 20; Eaf7; MRGBP; URCC4; MRG15BP; FLJ10914; MRG-binding protein; OTTHUMP00000031512; MRG (MORF4-related gene)-binding protein

Gene ID 55257

mRNA Refseq NM_018270

Protein Refseq NP_060740

MIM 611157

UniProt ID Q9NV56

Chromosome Location 20q13.33

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