Recombinant Human Chromosome 20 0pen 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 ATSPAEETVV WSPEVEVCLF HAMLGHKPVG VNRHFHMICI RDKFSQNIGR QVPSKVIWDH LSTMYDMQAL HESEILPFPN 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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